

Configuration Management
SCR Text Report

Date: 08/26/02

Page 1

Filter: Release Number (a) = "02-2"; AND SCR Status <> "CMPCRT"

System: FDGUI

SCR: X0142-00 Title: ALLOW AMENDMENT TO DD282 - PRINTING REQUEST

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: SITE

Rank: 5.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: Toni Donnelly
Phone: (504)678-5021

Code: CNRF
DSN: 678-5021 x

Requesting Activity: CNRF

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 07/30/1999

WBS Level 1:

Last Modified: 07/16/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	07/30/1999	00072	02-2	02-2	

Requirements Definition:

Change the DD282 - DOD Printing Requisition/Order from a non-amendable document to an amendable document. Display the amendment amount, amendment number and cumulative amount on the printed document.

Requirements Change:

1. Make the DD282 an amendable document.
2. Display the amount of the amendment in the Estimated Cost field.
3. Display the cumulative amount and amendment number in Special Instructions/Remarks as in the following example:
"This is Amendment 01 to the source document N0018802PT00001.
Cumulative Cost is now \$1050.00"

Background:

The form does not provide an amendment block, however the need exists to amend a printing request. Some examples follow:

- a. A "blanket account" is set up at the printing office. The approving official is kept on file in anticipation of additional orders against the document. Increases to the blanket DD282 are submitted on a quarterly or as needed basis.
- b. The customer is notified by the Defense Printing Service (DPS) that more dollars are required under the requisition.

Tom Morse, DPS Pensacola, described a typical increase to the initial blanket order for books or manuals. The Estimated Cost and Funding Authorization Amount both contain the cumulative amount and a statement in the Special Instructions/Remarks field reads "Amendment 00005 is issued on 10 October 2001 to provide an additional \$3,000 for printing period and a total of \$17,000". In this example, the Estimated Cost and Funding Authorization Amount would be \$17,000. Typically a requisition will be limited to about five modifications in one year.

Additional background information is provided in the Notes to this SCR.

IEEE Priority 2

Justification:

Adversely affects the ability to generate source documents; and the transfer of financial transmissions to the official accounting system.

Functional Analysis:

1. General requirement
 - 1.1. Provide for amendment of a DD282 source document and process like other amendable documents in the FASTDATA system.
 - 1.2. Restrict the DD282 to a single ACRN ("AA").
 - 1.3. Provide the capability to amend all data on the DD282 form including the Obligated Amount, Quantity Ordered, OPTAR Log, and Local Code.
 - 1.4. Provide the capability to update the basic or amendment source document prior to export.
2. DD282 basic source document Add
 - 2.1. Reserve space in the Special Instructions/Remarks block for amendment information (to be carried forward to amendments).
3. DD282 source document Amendment
 - 3.1. Allow all of the DD282 source document data to be amended. Additional data that are not fields on the DD282 form are also amendable:

Local Code

Functional Analysis:

OPTAR Log Description

- 3.2. When Estimated Cost is changed the Funding Authorization Amount must be set to agree with Estimated Cost.
- 3.3 The system must perform the standard funds check using the amount of the amendment.
- 3.4 The system must perform the standard funds update using the amount of the amendment.
- 3.5. Display the system-generated numeric amendment number in the Special Instructions/Remarks block of the source DD282.
- 3.6. Require export of the basic before entry of an amendment. Require export of each amendment prior to the entry of a subsequent amendment. Assign the amendment number in numerical sequence. Require export of receipts prior to entering an amendment.
- 3.7. Create an obligation adjustment (AO) against the ACRN "AA". Do not allow the amendment to make the Actual Cost negative.
- 3.8. Format the Special Instructions/Remarks block of the source DD282 as follows:
"This is Amendment 01 to the source document N0018802PT00001.
Total Document Amount is now \$1050.00"
- 3.9. Compute the Total Document Amount by adding the amendment amount to the cumulative amount for the document and display in the Special Instructions/Remarks block of the source DD282.
- 3.10. Display the DCN from Requisition No. of the DD282 in the Special Instructions/Remarks block of the source DD282.
4. DD282 source document Update
 - 4.1. When a basic document or an amendment has been entered against the DD282 document but not yet exported, allow update to the source document.
5. DD282 Correction After Export
 - 5.1. When an amendment has been entered against the DD282 document and exported, allow the following data to be changed in the Correction After Export:
JON
Expense Element
OMB Object Class
Country Code
Receipt Partial/Final (if there are receipts)
Expenditure Partial/Final (if there are expenditures)
OPTAR Log
Local Code
 - 5.2. When JON, Expense Element, and OMB Object Class are changed, create a RT (STARS/FL "R" reversal) document type.
 - 5.3. If Receipt Partial/Final is changed recompute Actual Cost.
 - 5.4. If Expenditure Partial/Final is changed recompute Actual Cost.
6. Print document
 - 6.1. Provide the ability to print or re-print each source amendment and basic document as needed.
7. Reports
 - 7.1. Provide the ability to print DD282 document transactions on Transaction History Report.
8. Receipts and expenditures
 - 8.1. Allow receipts and expenditures to be recorded against the document/ACRN as with other amendable documents.
9. Acceptance
 - 9.1 Not applicable.
10. Cancellation
 - 10.1. Allow cancellation of the basic document or the most recent amendment to the document. If the basic document is selected cancel the document and all its amendments.
 - 10.2. Confirm cancellation request.
11. Reinstatement of cancelled document.
 - 11.1. Allow the cancelled document or amendment to be reinstated.
 - 11.2. Allow the entry of a receipt or expenditure to reinstate.
 - 11.3. Allow the exported, cancelled document to be updated via the Correction After Export process.
 - 11.4. Confirm reinstatement request.
12. Contracts
 - 12.1. Not applicable.
13. Supplemental documents
 - 13.1. No change.
14. Military Purchase Card (MPC) used as method of payment.
 - 14.1. Allow an MPC document to be cross-referenced to a DD282 basic document and amendment.

TEST PLAN:

1. Create and export a basic source DD282. Amend the DD282 and verify that an amendment is possible. Verify that only one LOA is allowed and is assigned ACRN "AA".
2. Add a DD282 basic document and verify that application reserves space in the Special Instructions/Remarks field for the amendment text. Verify the add process is otherwise unchanged.
3. Enter an amendment and change the following data elements: Estimated Cost, Quantity Ordered, Special Instructions/Remarks block, Local Code, OPTAR Log Description.
 - 3.1 Verify the change is allowed. Verify the changed data is correctly saved to the database by viewing the amendment.

Functional Analysis:

- 3.2 Verify that the Funding Authorization Amount is changed to agree with the Estimated Cost.
- 3.3 Verify that a funds check is performed and that the funds (Actual Cost) are updated upon save.
- 3.4 Verify that the amendment number is generated in sequence and that the number appears on the first line of the Special Instructions/Remarks block.
- 3.5 Verify that a basic must be exported before an amendment is allowed.
- 3.6 Verify that a subsequent amendment entry requires the previous amendment be exported.
- 3.7 Verify receipts must be exported prior to entering an amendment.
- 3.8 Verify that an amendment is allowed only against the basic LOA (ACRN "AA").
- 3.9 Verify that an amendment cannot make the overall Actual Cost negative.
- 4. Update a DD282. Verify that update is allowed if the basic or amendment has not yet been exported.
- 5. Change document in Change After Export:
 - 5.1 Verify that the following data elements may be changed in the CAE process: JON, Expense Element, OMB Object Class, Country Code, Receipt Partial/Final, Expenditure Partial/Final, Local Code and OPTAR Log Description.
 - 5.2 Verify that when the JON, Expense Element, and OMB Object Class are changed, a RT (STARS/FL "R" reversal) document type is created.
 - 5.3 Verify that when the Receipt Partial/Final is changed the Actual Cost is recomputed.
 - 5.4 Verify that when the Expenditure Partial/Final is changed the Actual Cost is recomputed.
- 6. Print document
 - 6.1 Print the basic before and after amendment added and exported. Verify basic can be printed at any time.
 - 6.2 Print an amendment after subsequent amendment is added and exported. Verify amendment can be printed at any time.
- 7. Reports: Print the Transaction History Report and verify the basic and amendments print properly on the report with the correct amounts.
- 8. Receipts and Expenditures
 - 8.1. Verify that receipts can be entered against a basic DD282 and a DD282 amendment that 1) have been entered but not exported and 2) have been exported.
 - 8.2. Verify that expenditures can be processed against a basic DD282 and a DD282 amendment that 1) have been entered but not exported and 2) have been exported.
- 9. Acceptance: Verify that the acceptance process is not available for DD282.
- 10. Cancellation:
 - 10.1 Cancel a basic DD282 document (that has amendment against it). Verify that all amendments and the basic are cancelled and that the proper reversal transactions are created.
 - 10.2 Cancel the most recent amendment. Verify that only the cancellation of the amendment creates reversal transactions.
 - 10.3 Attempt to cancel a previous amendment and verify that the system only allows cancellation of the most recent amendment or the basic with all amendments.
- 11. Reinstatement:
 - 11.1 Verify that the above cancellations may be reinstated and that the proper transactions are created.
 - 11.2 Enter a receipt and expenditure and verify the basic and/or amendment may be reinstated.
 - 11.3 Attempt to change the basic or amendment in the CAE process and verify that the document transactions may be reinstated.
 - 11.4 Verify that the system requests confirmation of reinstatement before processing.
- 12. Verify that the contract process is not available for DD282.
- 12. Verify that supplemental documents are allowed against the DD282 basic and amendments.
- 13. Verify that an MPC document may be cross-referenced against a DD282 basic and amendment and that the system creates the correct reversal.

Technical Analysis:

See attachment.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0142-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	MORGAN M	05/10/2002 10:10 am

Notes

Date/Time: 04/24/2002 17:36 Author: REDMOND R Activity: Technical Category: Requirements

An email was sent out to all the CCB for their input on this SCR.
I'm a little late but ... I have no problem with the "solution".
Thanks
Christi

-----Original Message-----

From: REDMOND, ROSEMARY [mailto:ROSEMARY.REDMOND@DFAS.MIL]
Sent: Friday, March 15, 2002 03:10 PM
To: Alegre (E-mail); Barbara Adkins (E-mail); Bob G Kincaid (E-mail); Christi Gibson (E-mail); Craig Hirayama (E-mail); Dennis Mongesku (E-mail); Edie Russell (E-mail); Gary Naumann (E-mail); George Najjar (E-mail); Hardy L. Hill (E-mail); Hazel Jones (E-mail); Karl Zwierski (E-mail); Larry Fortuno (E-mail); Lorna Y Ogawa (E-mail); Mark SKC Harner (E-mail); Patrick Walker (E-mail); Raymond B. Anderson (E-mail); Regina Panis (E-mail); Scott Blair (E-mail); Stein Asbjornsen (E-mail); Stephanie O'Neill (E-mail); Toni Donnelly (E-mail); Trudy McLaughlin (E-mail); ZoAnn Titgemeyer (E-mail)
Cc: TRAWICK, MARTHA; BONT, JR (CONTRACTOR); CRAKER, NANCY (CONTRACTOR); MORGAN, MICHAEL (CONTRACTOR)
Subject: RE: SCR X0142 on Making the DD282 an amendable document

To all,

We have received some comments on the DD282 and are leaning toward the resolution outlined by Mike Morgan, (please see Mike's email below).

To reiterate:

1. Make the DD282 an amendable document.
2. Display the amount of the amendment in the Estimated Cost field.
3. Display the cumulative amount and amendment number in Special Instructions/Remarks as described in Mike's email.

Please let us know by March 22nd if this approach would not work for you.

Additional comments we have received to date:

from Bobby..."Rosemary, I see the DD282 being treated like this:

1. Enter a DD282 for 1,000.00
2. Allow the document to be amended for 50.00
Have document amendment 01 print with 1050.00 as total for document.
System would generate a 540 for 50 to go to stars.
3. We are just amending the document to reflect the latest cost."
"If we can get DPS to agree to have a basic for 1000.00 and let the amendment say 50.00, that would be best. Then the system would handle like the rest of the documents. If there was a placed to print 'total this document'; that would be nice."

from Stein..."Rosemary, There is no standard way of preparing these. However, what I have commonly seen is that the amount in the EST.COST block at the top is the new total, not the incremental change. Someplace at the top they also type AMENDMENT # 1, 2, etc. In the block under FOR PLANT USE ONLY, or SPECIAL INSTRUCTIONS, they provide a detail listing of amendments and total to date."

"Each time we prepare an amendment, the entire DD282 is printed and provided to DPS.

I like the idea of treating all DD282s as one-time documents until we want to amend one of them. The we can move it to the amendment process."

from Zo Titgemeyer..."Rosemary,

We think that if you are putting the amendment number in the "special instruction" area then the a cumulative amount should be there also. When we send amendments to printing the funds in the amount box are only the amendment amount."

"As for amending/updating the DD282, why should it be treated any different from the NC2275 or DD448. Processing should be the same. However, we will never use the NC2275 or DD448 for a printing request."

Appreciate everyone's input!

Thank you,

Rosemary

-----Original Message-----

From: MORGAN, MICHAEL (CONTRACTOR)
Sent: Thursday, March 14, 2002 12:31 PM
To: REDMOND, ROSEMARY
Cc: TRAWICK, MARTHA; BONT, JR (CONTRACTOR); CRAKER, NANCY (CONTRACTOR)
Subject: FW: SCR X0142 on Making the DD282 an amendable document
Importance: High

Rosemary, If you would like to pass this on to the CCB members, I would appreciate it.

In making the change to the DD282 to make it amendable, a few other points should be considered:

Application Consistency is key to reliability within the application.

As a rule within the FASTDATA application any document that is an amendable document cannot have its Obligation amount change via the Correction After Export (CAE) process. One of the main purposes for creating the CAE process was so that we would have the ability to change the obligation amount of a non-amendable document that was already exported to STARS-FL. The fact that a document is amendable is a defined rule for that particular document, prior to that document being put into use. If it is an amendable document then it is always amendable and only amendable. Currently we have no document within our system that is only amendable when it becomes amended, as described below, and prior to being amended it is non-amendable. I believe this would cause confusion with the user and would definitely create inconsistency within the application. In essence this is creating a new category of Amendable documents, for which we have no defined rules, standards, or processing. I suggest giving the user one way in which to change the obligation amount of a DD282. Either through the CAE process (in which case this SCR should be cancelled) or through the Amendment process, but not both.

Currently amendable documents within our system show the obligation amount of the amendment. When this is received it is considered a companion document with the source document and the total cumulative amount is the sum of the source document and all its amendments. My suggestion is that we maintain this consistency within the application and provide the cumulative amount as a note in the beginning of the Special Instructions/Remarks field.

Following the example below the amount of the amendment in the Estimated Cost field would be \$50.

At the beginning of the Special Instructions/Remarks field would be a description stating something to the following:

"This is the 01 Amendment to the source doc [dcn].

Cumulative Cost is now: \$1050.00"

This description would be added after the document was saved and therefore be uneditable by the user and show up on the printed form of this

System: FDGUI

SCR: X0205-00 Title: SUSPEND TRANSACTIONS AT SITE

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA SITE Rank: 4.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Zo Titgemeyer/Cathy Williams Code: POC
Phone: (360)396-1939 DSN: 744-1930 x

Requesting Activity: NSB Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 03/15/2000

WBS Level 1: Last Modified: 05/29/2002

WBS Level 2:

Requirements Definition:

Provide the capability to mark a Site transaction as 'suspended' and export to the FA with other accounting transactions. Provide the capability to mark a transaction as 'suspended' after a transaction has been created and prior to it being exported. Provide the capability to mark a new transaction as 'suspended' upon creation of that transaction.

The ability to 'suspend' a document transaction is provided for all transactions created by the system. The system shall provide the ability to, and the user must, tag a suspended transaction with a 'suspension reason' that will be associated with the transaction as it processes to the FA.

The ability to mark site transactions as suspended is controlled by the FA for each Site user.

Audit reports are provided at the Site and FA to monitor and control the processing of suspended transactions.

Background/Justification:

Scenarios provided by customer in support of 'suspension' of documents at the Site:

- 1) The FASTDATA Site enters a receipt in FASTDATA, and then sees in STARS that the IDA-One Pay technicians at DFAS have already entered a receipt for a payment to process. We would want the FASTDATA receipt (Execution Code 510) to be suspended.
- 2) Currently we cannot update a miscellaneous document, the only option we have to get FASTDATA and STARS in balance is to enter receipts. We would not want these receipts to upload to STARS.
- 3) The FASTDATA Site enters a contract number in FASTDATA, and then sees in STARS that the SPS (Standard Procurement System) has already entered a contract number for this document. We would want the FASTDATA obligation (Execution 540) to be suspended.

Scenario 1) and 3) are addressed in this SCR. Scenario 2) was corrected under SCR X0207 which allows a non-amendable document to be modified after an expenditure or receipt exists. Scenarios 1) and 3) depict a need to suspend documents on a case-by-case basis. To ensure visibility at the FA, the Site is asked to provide to the FA a description of the reason the transactions should not be sent to the core accounting system (STARS/FL).

IEEE Priority = 2

Justification:

Adversely affects the ability to transfer financial transactions to the official accounting system; the reliability, integrity and accountability of data; and reporting of accurate data to higher authority.

Functional Analysis:

FA

1. The application shall provide the capability to control site users access to the Site Suspend Transaction process.
 - 1.1. The site user may either have access or may not have access.
 - 1.2. The access rights have no limit or restriction on change.
 - 1.3. The access rights will be propagated to the site.
 - 1.4. The application shall provide the capability to view the new security access on the User Security Report.
2. The application shall provide the capability to identify accounting transactions that have been suspended at the site.
 - 2.1. The application shall store the suspension reason provided by the site.
 - 2.2. The application shall handle all site suspension with the same processes as accounting transactions suspended at the FA (Purge and Unsuspend).

Functional Analysis:

2.3. The application shall provide the capability to view the suspension reason on all of the accounting transaction suspension processes (Accounting Transaction Suspension and Purge Suspended Transactions) and all suspended accounting transaction reports (Suspended Accounting Transaction Report, Accounting Transaction Suspension and Purge Suspended Transactions).

3. The application shall provide the capability to search and sort suspended accounting transactions based on the suspension reason within the Accounting Transaction Suspension and Purge Suspended Transactions processes.

Site

1. User Security

- 1.1. The application shall import the Site Suspend Transaction process into the Site.
- 1.2. The application shall display the Site Suspend Transaction process (Access or No Access).

2. The application shall provide a process to mark a transaction as 'suspended' after a transaction has been created and prior to transfer to the FA.

- 2.1. This process shall provide the ability to view all transactions prior to transfer to the FA.
- 2.2. This process shall provide the ability to mark individual transactions as suspended with a suspension reason for all transactions prior to transfer to the FA.
- 2.3. This process will require a suspension reason for each suspended transaction.
- 2.4. All accounting transactions will be available for suspension with the exception of any transaction associated with a credit card cross-reference.
- 2.5. This process will provide the ability to change the marked for suspension indicator and suspension reason prior to transfer to the FA.

3. The application shall provide the capability to view the suspension reason on all applicable accounting transaction reports (Transaction History Report and Transaction Report).

- 3.1. The application shall provide the ability to limit applicable reports to only 'suspended' transactions.

TEST PLAN:

FA

1. Security Access to the Site Suspend Transaction process

- 1.1. Add the Site Suspend Transaction process to Users - Site access capability with No Access and verify successful add.
- 1.2. Change the Site Suspend Transaction process to Users - Site access capability to Access and verify successful change.
- 1.3. Add another user with No Access. Export Site Password Data to Site and verify in the Site that the Site Suspend Transaction process was added to two users, one with access and one without.
- 1.4. After Site Password has been exported to the Site, change the rights and export Site Password again. Verify that rights can be changed from Access to No Access and from No Access to Access successfully and successfully exported to the Site.
- 1.5. View the new security access on the User Security Report and verify data reflects the above updates.

2. Import Site Data

- 2.1. Import into the FA transactions marked 'suspended' at the Site and verify all suspended transactions are listed in the Accounting Transaction Suspension process.
- 2.2. For each transaction marked for suspension and imported, verify the correct suspension reason is displayed in Accounting Transaction Suspension process for each suspended transaction imported from the Site.

3. View transactions marked for suspension and imported from the Site

- 3.1. Verify the transactions marked for suspension appear on the same processes as accounting transactions suspended at the FA (Purge and Unsuspend).
- 3.2. Verify the suspension reason appears on Purge and Unsuspend processes.
- 3.3. Verify that transactions marked for suspension at the Site can be inquired by the suspension reason.

4. Verify that transactions marked for suspension at the Site can be handled the same as transactions suspended in the FA.

- 4.1. Unsuspend the transaction marked for suspension at the Site and verify that the transaction appears on the Accounting Transaction Batch report for current transactions.
- 4.2. Export Accounting Transactions to STARS/FL and verify the unsuspended transaction appears on the Accounting Transaction Batch Report for the most recent batch.
- 4.3. Suspend a transaction marked for suspension at the Site that was unsuspended and verify that the transaction is listed in the Accounting Transaction Suspension process.
- 4.4. Export Accounting Transactions to STARS/FL and verify the suspended transaction is not included in the Accounting Transaction Batch Report for the most recent batch.
- 4.5. Select a transaction marked for suspension at the Site to be purged and purge the transaction. Verify the transaction is no longer listed in the Accounting Transaction Suspension process, nor the Accounting Transaction Batch Report for current transactions.
- 4.6. Export Accounting Transactions to STARS/FL and verify the purged transaction is not included in the Accounting Transaction Batch Report for the most recent batch.

5. Reporting

- 5.1. Verify the new Suspend Document Transaction process appears on the User Security Report and that the proper value (Access or No Access) is displayed for each Site user.
- 5.2. Verify the new Suspension Reason appears on the Suspended Accounting Transaction Report and displays the correct values from imported Site transactions.
- 5.3. Verify the new Suspension Reason appears on the Purged Suspended Transaction Report and displays the correct values from imported Site transactions.

Site

1. Site Security

- 1.1. Import the Site Password with Site Suspend Transaction process for at least two Site users with Access or No Access set at the FA. Verify that the new capability is displayed with the appropriate access for each user on the import report.
- 1.2. View the Site Security for the Site users. Verify that the new capability is correctly displayed.

Functional Analysis:

2. Verify the capability to suspend a transaction after a transaction has been created and prior to transfer to the FA.
 - 2.1. View transactions available for transfer to the FA. Verify that all transactions created for the test are displayed.
 - 2.2. Select a transaction to mark for suspension and enter a suspension reason. Verify that the transaction is marked for suspension and that a suspension reason is required to be entered.
 - 2.3. Verify that all accounting transactions except credit card cross-reference transactions may be marked for suspension.
 - 2.4. Unmark a transaction that was marked for suspension. Verify that the transaction is no longer marked for suspension and does not display a suspension reason.
 - 2.5. Export all transactions to the FA. The exported batch should include transactions marked for suspense, transactions never marked for suspense and transactions unmarked for suspense. Verify that only the marked transactions display the appropriate suspension reason.
3. Reporting
 - 3.1. Display transactions both suspended and not suspended on the Transaction History Report and Transaction Report and verify that the Suspension Reason is displayed for the appropriate transactions on the report.
 - 3.2. Select only suspended transactions for display and verify that only suspended transactions are displayed on the Transaction History Report and Transaction Report.

Technical Analysis:

See attachment.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0205-TECH.DOC	Technical Analysis	BONT J	04/10/2002 10:26 am

Notes

Date/Time: 04/02/2002 11:29 Author: REDMOND R Activity: Technical Category: Requirements

Consider providing the ability to check "Suspended" at the Site and send the suspended transaction with a short narrative "reason for suspension" in the Accounting Transactions batch to the FA. 08/22/01 RSR.

System: FDGUI

SCR: X0217-00 Title: LOCK INDIVIDUAL SITES

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA SITE Rank: 10.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Lorna Ogawa Code: N82LO
Phone: (808)473-1553 DSN:

Requesting Activity: CNR HI Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 05/05/2000

WBS Level 1: Last Modified: 06/18/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	05/05/2000	61449	02-2	01-2	

Requirements Definition:

Provide the capability to mark a Site as 'locked', within the FA, and export to the Site with other Site information.

The process will Lock the site by user and apply one of the following three access levels to each site user: Update (site users normal access); Display Only; or No Access. These access levels will be assigned by the FA and will export to the site with other security features.

Provide the capability to lock/unlock all Sites simultaneously or lock/unlock Sites individually.

Audit reports are provided FA to view security levels.

IEEE Priority - 2

Justification:

Assures accuracy and integrity of data during periods of time in which changes to the data could result in inaccurate information being reported to higher authority.

NOTE: (Original request):

Request ability to LOCK individual sites (same as DOS version). At end of month, user locks individual Sites as they reconcile between STARS-FL and Fastdata. While Site is locked, they cannot do updates, but if they work it out with the Accounting Tech they can open the Site temporarily for them to do an update, then Lock it up again. Perhaps there can be two levels of Lock - Lock with NO UPDATE but with ability to VIEW ONLY, or Lock with absolutely NO ACCESS allowed. A "Master" UserID would be the one to LOCK the site, controlling access for everyone.

Further clarification: LAN Admin controls access to entire database vice individual Sites in database. A User could have access to multiple Sites. We want to control which Site user is allowed to access temporarily. For example, if all sites are locked at end of month, we request ability to allow Users to access a specific Site only. So we want to LOCK by Site vice by UserID (database ID).

Note that the capability exist in LAN Administration software to lock out users, though not by Site.

TEST PLAN:

A. Lock All Sites:

- At the Fund Administrator:
 - Access the new Lock Site process, select "Lock All Sites"
 - Export the MPX file to all Sites.
 - Verify that automatic export/import to/from Sites has been disabled.
- At the Sites:
 - Log on to the system as normal. Verify the user is notified that the system is locked from updates.
 - Verify the ability to produce all reports.
 - Verify ability to view documents.
 - Verify that no documents can be Created, Updated or Amended.
 - Verify that no Expenditures, Receipts or Contracts can be created, imported, or updated.

Requirements Definition:

- F. Verify that no Acceptance processes are available.
- G. Verify that Import Comptroller Data process does not allow updates until unlock data has not been received and processed. (Should receive the message that the Site is locked and updates are not permitted)
- B. Lock Individual Sites:
 - 1. At the Fund Administrator:
 - A. Select a Site to be locked, and select process "Lock Site".
 - B. Export the MPX file to the affected Site and 1 unaffected Site.
 - C. Verify automatic export/import has been turned off the the affected Site, and has not been altered for other Sites.
 - 2. At the Locked Site:
 - A-G. Follow the steps under (A. Lock All Sites, A2A-A2G above).
 - 3. At the "not locked" Sites.
 - A. Verify that no functionality has been changed.
 - B. If automatic update Site, verify automatic updates occur as normal.
- C. Unlock all Sites:
 - 1. At the Fund Administrator:
 - A. Access the new Lock Site process, select "Unlock All Sites".
 - B. Export the MPX file to all Sites.
 - C. Verify that automatic export/import to/from Sites has been enabled.
 - 2. At the Sites:
 - A. Log on to the system as normal.
 - B. Verify the ability to produce all reports.
 - C. Verify ability to view documents.
 - D. Verify the ability to Create, Update and Amended documents.
 - E. Verify the ability to create, import, and update Expenditures, Receipts and Contracts as applicable.
 - F. Verify that all Acceptance processes are available.
 - G. Verify that Import Comptroller Data updates affected tables (JON/Auth..etc).
- B. Unlock Individual Sites:
 - 1. At the Fund Administrator:
 - A. Select a Site to be unlocked, and select process "Unlock Site".
 - B. Export the MPX file to selected Site.
 - C. Verify that automatic export/import to/from Site has been enabled.
 - 2. At the Locked Site:
 - A-G. Follow the steps under (C. Unlock All Sites, C2A-C2G above).

Functional Analysis:

FA

- 1. The application shall provide the capability to lock a Site.
 - 1.1. At least one site user must have Update access level and Import/Export privilege in order to lock a site.
 - 1.2. The locked status will be propagated to the Site. The Automatic process will be limited to site information for Sites that are locked.
 - 1.3. Provide the capability to lock and or unlock all Sites simultaneously or individually.
 - 1.4. The application shall provide the capability to view locked status on the Site Report.
- 2. The application shall provide the capability to define Site users security level while a site is in a 'locked' state.
 - 2.1. The site user may either have Update (site users normal access), Display Only, or No Access.
 - 2.1.1. Update: Site users can process within the locked site with their normal privileges. This access level will not override prior access settings with a higher security level (eg. If normally a user can't import comptroller data, they will not be able to import while in Update mode).
 - 2.1.2. Display Only: Site users will have display only access to reports and viewing of documents.
 - 2.1.3. No Access: Site users will be denied access to a locked site. If currently processing within a site the user will receive a pertinent message and the application will close.
 - 2.2. The access rights have no limit or restriction on change.
 - 2.3. The access rights will be propagated to the site.
 - 2.4. The application shall provide the capability to view the new security access on the User Security Report.

SITE

- 1. The application shall invoke defined Site user access levels when a Site is locked.
 - 1.1. The application will immediately invoke these access levels upon login to a site or change to a site via the Change Site feature.
 - 1.2. The application will invoke these access levels for active users of a site after they have finished their current process.
 - 1.3. Site users will be notified of a site's locked status and informed of their security levels while attempting to login to the site.
 - 1.4. Active Site users will be notified if a site's locked status changes and informed of their security levels.
 - 1.5. The application shall return normal access privileges to site users when the site is unlocked by the FA.
 - 1.6. All site users will be allowed to login to sites with their normal access privileges if a site is unlocked.

Technical Analysis:

See attachments.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0217-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	04/09/2002 11:45 am

Notes

System: FDGUI

SCR: X0266-00 Title: ALLOW LABOR AND NON-LABOR IN AUTHORIZATION

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: FA SITE

Rank: 8.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: Zo Titgemeyer/Christi Gibson
Phone: (360)396-1930

Code: N82
DSN: 744-1930 x

Requesting Activity: CNR NW

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 06/30/2000

WBS Level 1:

Last Modified: 06/19/2002

WBS Level 2:

Customer Control Number	Received 06/30/2000	UIC 68742	Release 02-2	Target Release 01-2	Total Amendments
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Requirements Definition:

1. Allow both "Labor" and "Other", or a choice of either "Labor" or "Other", on the same authorization.
2. Identify the authorization as "Labor", "Other" or "Both" on the Authorization maintenance window, Status of Funds Report and Site Report in the FA and on the Status of Funds window and report, and Financial Framework report in the Site.
3. If the Expense Element is a "Labor" Expense Element ("A", "B", "C", "O", "U" or "1") and the JON cites a "Labor" Authorization, perform a funds check against the "Labor" Authorization and update the "Labor" Authorization funds. If the JON does not cite a "Labor" Authorization but cites a "Both" Authorization, perform a funds check against the "Both" Authorization and update the "Both" Authorization funds. If the JON does not cite a "Labor" Authorization but cites an "Other" Authorization the system must reject the "Labor" Expense Element.

Justification for both "Labor" and "Other" dollars on an Authorization:

1. CNRNW needs to be able to create a miscellaneous (document type "MD") document for Uniform Allowance citing Expense Element "U" (Civilian Labor) against a direct "Other" authorization. In this case "Both" would be indicated in the Authorization. Funding and costs do not need to be reported separately as "Labor" and "Other".
2. CNRNW needs to be able to create an Authorization for reimbursable work orders that can fund and accumulate costs for both "Labor" and "Other". For CNRNW the OPTAR is the "reimbursable customer" and the Authorization is the "reimbursable work order" which often entails both material and services. Funding and costs do not need to be reported separately as "Labor" and "Other".

IEEE Priority = 2

Justification:

Adversely affects the ability to create and maintain integrity of the financial framework (short line of accounting, operational target, funding authorization and job orders); and to generate source documents.

Functional Analysis:

I. FA

1. Maintenance

- 1.1. Add a new category "Both" to labor code and provide a drop down list in the Authorization window with a choice of "Labor", "Other" or "Both". Once the Authorization has been exported and JON's exist do not allow a change of Labor Code from "Both" to "Labor" or "Other". Display costs in the Other Authorization field of the JON for Labor Code of "Both". Allow the Authorization Labor Code to be changed from "Other" to "Both" at any time. Allow JON to cite both Labor Code of "Labor" and "Both" and when Labor Code is "Labor" accumulate labor costs to "Labor".
- 1.2. Restrict assigning OPTAR's to a Site if an authorization for that OPTAR is identified as both "Labor" and "Other" and the site is not marked as a "Windows" Site.
- 1.3. Restrict changing the Site Type in the Site Maintenance window from "FASTDATA Windows Site" to a non-Windows Site (e.g., a DOS Site, a Clipper 1.4A Site, an ATOS Site) when at least one Authorization exists citing a Labor Code of "Both".
- 1.4. Restrict changing the Authorization from "Both" to "Other" if the Authorization has been assigned to a JON and Exported to the Site.
- 1.5. Allow the Authorization to change from "Other" to "Both" at any time.
- 1.6. Restrict changing the Authorization from "Both" to "Labor" and visa versa if the Authorization has been assigned to a JON. (Current behavior has the same restriction on changing from "Other" to "Labor" and visa versa.)
- 1.7. When reporting Non-Labor amounts on the RC and or Optar screens, accumulate authorization funds for authorization marked "Both" with authorization

Functional Analysis:

amounts marked "Other".

1.8. When reporting undistributed amounts on the Authorization, accumulate authorization funds for authorization marked "Both" with authorization amounts marked "Other".

2. Reports

2.1. Modify the "Labor" column values on the Status of Funds Report from "L" (Labor) or "N" (Other) indicators to "L" (Labor), "N" (Other), or "B" (Both).

2.2. In the "Labor Code:" on the Site Report indicate "Labor", "Other" or "Both".

3. Interface

3.1 Indicate the Authorization has "Labor", "Other" or "Both" on the FA/Site interface.

II. Site

1. Maintenance

1.1 Update the JON "Labor" and "Other" costs based on Expense Element/OMB Object Class (as currently performed). If "Both" is checked, perform funds check against the Other authorization funds. As required under SCR X0369 OMB Object Class "111" and Expense Element "Z" will post as "Other" if the Labor Code indicates "Other" or "Both". Expense Element "U", "A", "B", "C", "O", and "1" will post as "Other" only if Labor Code is "Both".

2. Reports

2.1. Modify the values of the Site Status window "Labor" from "L" (Labor) or "N" (Other) indicators to "L" (Labor), "N" (Other), or "B" (Both).

2.2. Modify the "Labor" column values on the Status of Funds Report from "L" (Labor) or "N" (Other) indicators to "L" (Labor), "N" (Other), or "B" (Both).

2.3. Modify the "Labor" column values on the Financial Framework report from "L" (Labor) or "N" (Other) indicators to "L" (Labor), "N" (Other), or "B" (Both).

TEST PLAN:

I. FA

1. Add Authorization

1.1. Create Authorizations for "Labor", "Other" and "Both".

1.1.1. Ensure each Labor Code may be indicated.

1.1.2. Ensure funding can be entered as "Other" for "Other" and "Both" but not for "Labor". Ensure funding can be entered as labor for "Labor" but not for "Other" or "Both".

2. Update Authorization

2.1 Update Authorizations for "Labor", "Other" and "Both".

2.1.1. Ensure each Labor Code may be indicated when the Authorization has not yet been exported to the Site and there exist no JON's citing the Authorization.

2.1.2. Ensure funding can be entered as "Other" for "Other" and "Both" but not for "Labor". Ensure funding can be entered as labor for "Labor" but not for "Other" or "Both".

2.1.3. Ensure the Labor Code can be changed to "Labor", "Other" or "Both" when the Authorization has been exported to the Site and there exists no JON's citing the Authorization. Ensure the Labor Code can be changed to "Both" from "Other" when the Authorization has been exported to the Site and there exist JON's citing the Authorization.

2.1.4. Create a JON citing an Authorization for "Labor". Ensure the Authorization Labor Code cannot be changed from "Labor" to "Both" or "Other" if at least one JON cites the Authorization.

2.1.5. Create a JON citing an Authorization for "Both". Ensure the Authorization Labor Code cannot be changed from "Both" to "Labor" or "Other" if at least one JON cites the Authorization.

2.1.6. Create a JON citing an Authorization for "Other". Ensure the Authorization cannot be changed from "Other" to "Labor" if at least one JON cites the Authorization.

3. Display Authorization

3.1. Display Authorization with "Labor", "Other" or "Both".

3.1.1. Ensure the Authorization displays the values entered upon add or update.

3.1.2. Create an Authorization with Labor Code "Labor" and labor authorization funds. Display the OPTAR and Responsibility Center for the Authorization. Verify the dollars are displayed correctly as labor authorizations.

3.1.3. Create an Authorization with Labor Code "Both" and "Other" Authorization funds. Display the OPTAR and Responsibility Center for the Authorization. Verify the dollars are displayed correctly in "Other" Authorizations.

3.1.4. Create an Authorization with Labor Code "Other" and "Other" Authorization funds. Display the Authorization. Verify the dollars are displayed correctly in "Other" Authorizations.

3.1.5. Create Reimbursable and Direct Authorizations with "Labor", "Other" and "Both" Labor Code and a JON for each Authorization and export to the Site. At the Site record costs against these documents and each JON and export to the FA. Import the accounting transactions from the Site. Verify costs are displayed in the proper fields in the OPTAR and Responsibility Center (e.g., direct, reimbursable, fenced, unfenced, Labor and Other, totals).

3.2. Verify the undistributed amounts on the Authorization displays the values entered upon add or update.

4. FA/Site Interface from FA to Site

4.1. Create Authorizations with "Labor", "Other" and "Both" Labor Codes. Export Financial Framework to the Site. Verify the FA/Site interface file reflects the correct values in the Authorization records.

5. OPTAR Maintenance

5.1. Create an Authorization with Labor Code of "Both" for a particular OPTAR. Create a DOS Site. Attempt to assign the OPTAR (with Authorization of "Both") to the DOS Site. Verify the system rejects the assignment of the OPTAR.

6. Reports

6.1. Status of Funds Report: Verify Labor field on the Status of Funds Report displays as "Labor", "Other", or "Both" depending on value of Labor Code.

7. Site Maintenance

7.1. Create an Authorization with "Both" Labor Code and assign the OPTAR to a Windows Site. Attempt to change the Site Type in the Site Maintenance window from "FASTDATA Windows Site" by selecting "FASTDATA DOS Site" in the dropdown box. Verify that the application rejects the change because at least one Authorization cites a Labor Code of "Both".

II. SITE

1. Funds Check

1.1. Import Financial Framework with Authorizations established above from FA with Labor Code "Labor", "Other", and "Both" and JON's citing Authorizations. The Authorization amounts should be different for each scenario. Create documents citing each JON where the document amount exceeds, is equal to and is less than the authorized amount. Verify that funds are checked correctly against each Authorization, i.e., JON's citing Authorizations with Labor Code of "Other" and "Both" against "Other" and "Labor" against Labor.

1.2. Create a document against a direct JON citing "Both" with Expense Element "U". Verify that the Funds Check is applied against the "Other" authorization

Functional Analysis:

amount.

1.3. Create a document against a reimbursable JON citing "Both" with OMB Object Class "111" and Expense Element "Z". Verify that the Funds Check is applied against the "Other" authorization amount.

2. Funds Update

2.1. Using the valid transactions from the Site Funds Check, verify the JON Labor Obligated Amount is updated for JON citing "Labor" Labor Code. Verify the JON Other Obligated Amount is updated for JONs citing "Other" and "Both".

2.1.1. Verify that for test Site Funds Check #2 that the JON Other Obligated Amount is updated.

2.1.2. Verify that for test Site Funds Check #3 that the JON Other Obligated Amount is updated.

3. FA/Site Interface from FA to Site

3.1. Import Financial Framework (Comptroller Data) from the FA with FA/Site interface records for "Labor", "Other" and "Both" Labor Code in the Authorization.

4. FA/Site Interface from Site to FA

4.1. Export Accounting Transactions from Site to FA with FA/Site interface JON records for "Labor", "Other" and "Both" Labor Code in the Authorization table.

Verify the FA/Site JON Other Obligated Amount agrees with the JON table amounts and the Labor Obligated Amount agrees with the JON table amounts.

5. Reports

5.1. Status of Funds window: Verify Labor fields and amounts on the Status of Funds window displays as "Labor", "Other", or "Both" depending on value of Labor Code in Authorization.

5.2. Status of Funds Report: Verify Labor fields and amounts on the Status of Funds Report displays as "Labor", "Other", or "Both" depending on value of Labor Code in Authorization.

5.3. Financial Framework Report: Verify Labor fields and amounts on the Status of Funds Report displays as "Labor", "Other", or "Both" depending on value of Labor Code in Authorization.

Technical Analysis:

See attachments.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0266-00 TECHNICAL ANALYSIS.DOC	X0266-00 Technical Analysis	BONT J	04/25/2002 03:14 pm

Notes

Date/Time: 08/22/2001 16:44 Author: KINCAID B Activity: Technical Category: Requirements

This is not possible for FA's having Sites using the DOS version of FASTDATA. 08/22/01 RSR.

Research: Does SCR X0369 "Post EE Z and OCC 111 Costs to Non-Labor Dollars" satisfy this requirement? 08/22/01 RSR.

Configuration Management
SCR Text Report

Date: 08/26/02

Page 13

System: FDGUI

SCR: X0267-00 Title: EE/OMB OBJECT CLASS ON EXPENDITURES

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA SITE Rank: 14.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Zo Titgemeyer Code: N82
Phone: (360)396-1930 DSN: 744-1930 x

Requesting Activity: CNR NW Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 06/30/2000

WBS Level 1: Last Modified: 06/25/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	06/30/2000	68742	02-2	02-1	2

Requirements Definition:

Use EE and OMB Object Class from the STARS Expenditure import file. This is especially needed for the recording of non-preceded expenditures.

04/08/02

IEEE Priority = 2

Justification:

Adversely affects the ability to provide accurate and complete cost information to program managers and cost center managers.

Functional Analysis:

Requirement:

1. Use the Expense Element and OMB Object Class (OOC) from the expenditure import file to populate FASTDATA. Use the imported expenditure as the default if the Site record has a different EE and OMB. If the Expense Element/OMB Object Class is not available on the expenditure and the expenditure is non-preceded, use the default Expense Element/OMB Object Class (currently implemented in FASTDATA). The OMB Object Class will begin in position 48 for 3 positions and the Expense element will begin in position 51 for 1 position.
2. If the expenditure is preceded in FASTDATA and the Expense Element and/or OMB Object Class of the expenditure does not match the EE/OOC of the FASTDATA document, create a "R" type transaction to replace the document EE/OOC with the expenditure EE/OOC and do not export to STARS/FL.
3. Add OMB Object Class and include OMB Object Class to Report Criteria on the following report:
JOB COST BY EE REPORT
4. Add OMB Object Class and Expense Element to the Suspended Expenditure Report at the Site.
5. Add OMB Object Class and Expense Element to the Valid Expenditure Report at the FA.
6. Add OMB Object Class and Expense Element to the Purged Suspended Expenditures report at the FA.
7. Add OMB Object Class and Expense Element to the Expenditure Suspension Report, Expenditures Suspended, at the FA.
8. Provide the capability to suspend imported expenditures by Expense Element and OMB Object Class.
9. Add OMB Object Class and Expense Element to the Suspended Expenditure Report at the FA.

Functional Analysis:

Test Plan:

1. Setup a suspension rule for EE and another one for OOC. Import an AH10- Expenditure file to the FA and export to the site that has several types of expenditures:
 - a. A non-preceded expenditure that contains an EE and OMB object Class. Result: EE and OMB Object Class from expenditure will be used to populate fields and update document.
 - b. An expenditure with an EE/OMB Object Class that does not agree with FASTDATA. Result: EE and OMB Object Class from expenditure will be used to populate fields and update document. Verify that an 'R' document type (reversal) is created in FASTDATA as evidenced on the Transaction History Report. Verify that the 'R' document type (reversal) is not sent to the FA and is not included on the STA00 "B1" export to STARS/FL.
 - c. An expenditure with no EE/OMB Object Class but with FASTDATA containing the EE/OMB object class. Result: EE and OMB Object Class from FASTDATA will be used.
2. Run JOB COST BY EE Report to check OMB Object Class that agrees with the AH10 imported expenditure appears.
3. Run the Suspended Expenditure Report at the Site to check for OMB Object Class and Expense Element that agrees with the AH10 imported expenditure.
4. Run the Valid Expenditure Report at the FA to check for OMB Object Class and Expense Element that agrees with the AH10 imported expenditure.
5. Run the Purged Suspended Expenditures report at the FA to check for OMB Object Class and Expense Element that agrees with the AH10 imported expenditure.
6. Run the Expenditure Suspension Report, Expenditures Suspended, at the FA to check for OMB Object Class and Expense Element that agrees with the AH10 imported expenditure.
7. Create a suspension rule for Expense Element and/or OOC and verify that expenditures are suspended on the Suspended Expenditure Report at the FA.
8. Run the Suspended Expenditure Report at the FA to check for OMB Object Class and Expense Element that agrees with the AH10 imported expenditure.

Technical Analysis:

The system will be modified to use Expense Element and OMB Object Class from the STARS Expenditure import file (AH10). Expense Element and OMB Object Class will be stored on the fastdata_fa_expenditure table. These values will be sent to the Site along with the current expenditure information via the MPX and Automated Processes. Documents will be updated using the values from the AH10. If no OMB Object Class/EE information exists on the AH10, FASTDATA defaults will be used.

If an expenditure is preceded and the EE/OOC on the expenditure does not match the EE/OOC on the document, an 'R' type transaction will be created. The document EE/OOC will be replaced with the expenditure EE/OOC and the transaction will not be exported to STARS/FL.

The FA will be modified to provide the capability to suspend imported expenditures by Expense Element and OMB Object Class. Two new rules will be added to the current Expenditure Suspension process:

1. Suspend all records with an Expense Element of...
2. Suspend all records with an OMB Object Class of...

The new rules will comply with the standards for the other rules; they will have the ability to be modified, saved, and deleted.

Expense Element and OMB Object Class will be added to the following reports:

Job Order Cost by Expense Element - Site
Suspended Expenditures Report - Site
Suspended Expenditures Report - FA
Valid Expenditure Report - FA
Purge Suspended Expenditures (quick print) - FA
Expenditure Suspension Report - Expenditures Suspended (quick print) - FA

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0267-00 TECHNICAL ANALYSIS.DOC		DRIVER L	05/07/2002 02:29 pm
X0267 SCREENS.DOC		DRIVER L	05/07/2002 02:29 pm

Notes

Date/Time: 04/22/2002 10:43 Author: REDMOND R Activity: Technical Category: Requirements
History: SCR X0369, Release 01-2, allows costs to post as non-labor dollars if there is no Labor Authorization in the JON and the Expense Element is "Z" and OMB Object Class is "111". These changes should be considered in the posting logic when manual or automatic expenditures are processed with EE "Z" and OCC "111".

System: FDGUI

SCR: X0267-01 Title: PROCESS CR TRAN 610'S AS 'F' WHEN RECEIVED AS 'P' FOR DMLSS

Permanent Organizational Control: Technical

Status: Accepted Technical Analysis Sub-System: FA SITE Rank: 14.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Zo Titgemeyer Code: N82
Phone: (360)396-1930 DSN: 744-1930 x

Requesting Activity: DFAS TSO PE(Contr) Requested Completion by: 00/00/0000

Prepared by: J.R. Bont Date Prepared: 05/01/2002

WBS Level 1: Last Modified: 06/07/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	05/01/2002	.	02-2	02-2	2

Requirements Definition:

Background:

In release 00-1 a negative expenditure from STARS/FL with a partial code of "P" was recorded correctly at the Site with the "P" partial code. With the implementation of the DMLSS interface (release 00-2), the "P" partial code is changed to "F" final when the negative expenditure is recorded at the Site. This change in logic has an adverse impact on non-DMLSS users and needs to be corrected.

Requirement Definition:

Modify the negative expenditures from the DMLSS cost transfer process to change "P" partial to a "F" final 610 only when the FA is DMLSS. For all non-DMLSS negative expenditures the partial indicator will not be changed.

Functional Analysis:

5/10/02 Barbara Bishop

1. When the system receives the negative expenditures (610s) on the "B4" file imported into the FA from DMLSS using the Cost Transfers process, two records will be created and consist of a DCN, ACRN and amount, with a partial indicator on each record.
 - a. Record (1) will reflect a credit transaction "From" JON, EE and OMB Object Class with a partial indicator.
 - b. Record (2) will reflect a debit transaction "To" JON, EE and OMB Object Class with a partial indicator.
2. This should only change DMLSS negative expenditures with the partial indicator of "P" partial to "F" final.
3. All Non-DMLSS negative expenditures (610s) will process with the imported partial indicator.

Test Plan:

1. Import to the FA, using the Cost Transfer process, several negative expenditures (610's) for DMLSS.
2. Verify the file consist of a debit "from" and a credit "to" with the partial indicator.
3. Export expenditures to the Site.
4. Import expenditures at the Site.

Functional Analysis:

5. Validate using the expenditure import report to ensure that each negative expenditure partial indicator was changed from "P" partial to "F" final.
6. Import a STARS-FL expenditure file into the FA that contains a negative expenditure with a partial indicator of "P".
7. Export expenditures to the Site.
8. Import expenditures at the Site.
9. Validate using the expenditure import report to ensure that each transaction partial indicator on the file remains unchanged.
10. Run Expenditure Report; verify the partial indicator for all imported expenditures.

Technical Analysis:

Review:

This SCR requests a correction to the processing of expenditures for non-DMLSS activities. The application is presently treating all credit expenditures as final. The application will need to be modified such that only the credit expenditures created as a result of the B4 cost transfer record will be posted as final. Expenditures received from other sources should be posted as received.

Database Changes:

- FASTDATA_FA_AUTOEXPEND.EXPENDITURE_EXPORT function will need to be modified to post the expenditure with the same partial/final indicator as received from the source system.

Functionality Changes:

- Credit expenditures will be posted to the site with the partial/final flag matching that received from the source system. This will correct a problem with the document cost being set to the credit expenditure when a partial credit is received.
 - Ensure that expenditures being imported from the AH10 are posted with a proper partial/final flag
1. C – Partial
 2. F – Final
- Ensure that the expenditures created as a result of importing the B4 are set to final.

User Access Restrictions:

- None

Screen Changes:

- None

Report Changes:

- None

Conversion Changes:

- None

Unit Test:

- Create an AH10 expenditure file with:
 1. A final expenditure
 2. A partial expenditure
 3. A final credit expenditure
 4. A partial credit expenditure
- Create a B4 cost transfer file with:
 1. An amount that matches the obligation amount of a document in the site
 2. An amount that exceeds the obligation amount of a document in the site
 3. An amount that is less than the obligation amount of a document in the site
- Import the AH10 expenditure file and B4 cost transfer file into the FA
- Verify that the FASTDATA_FA_EXPENDITURE.TYPE_CD is properly set
 1. AH10.1 = F
 2. AH10.2 = C
 3. AH10.3 = F
 4. AH10.4 = C
 5. B4.1 = F
 6. B4.2 = F
 7. B4.3 = F
- Export the expenditures to the respective site(s) manually, validating the FASTDATA_FS_ACRN.EXPEND_PARITAL_IND is properly set (see previous step)
- Reset the database and allow the automatic process to process the expenditures, validating the FASTDATA_FS_ACRN.EXPEND_PARITAL_IND is properly set (see previous step)

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0267-01 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	05/24/2002 09:28 am

Notes

Configuration Management
SCR Text Report

Date: 08/26/02

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System: FDGUI

SCR: X0267-02 Title: MODIFY THE HELP FOR JOB ORDER COST BY EE REPORT

Permanent

Organizational Control: Technical

Status: Accepted Technical Analysis

Sub-System: FA SITE

Rank: 14.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: Rosemary Redmond
Phone: (850)452-2990

Code: PYSAC
DSN: 922-2990 x

Requesting Activity: TSO-PE

Requested Completion by: 00/00/0000

Prepared by: Barbara Bishop

Date Prepared: 05/10/2002

WBS Level 1:

Last Modified: 07/15/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	05/10/2002	.	02-2	02-2	2

Requirements Definition:

Background:

SCR X0267-00 provides the importing of the Expense Element/OMB Object Class from the STARS Expenditure import file (AH10) and adds the OMB Object Class to the Job Order Cost by Expense Element report among others. Lorna Ogawa, CNRHI, requested the ability to sort this report by Expense Element and subtotal by Expense Element, as documented by the CCB in Enhancement #3 on the "FASTDATA System Acceptance Test for Release 02-1 Discrepancies and Enhancements" report dated March 5, 2002. To aid the customer in creating a customized report, this SCR amendment requests additional Help documentation, similar to that provided for the Document Status Log (DSL) report, which addresses filtering, criteria and creating a spreadsheet from the DSL report.

Requirement Definition:

Add Help documentation to the Site for the Job Order Cost by Expense Element report that addresses filtering, criteria and creating a spreadsheet using the Save As feature.

Functional Analysis:

Functional Analysis: Rosemary Redmond

Job Order Cost by Expense Element (Help documentation) requirement:

An SCR will be created to request an additional version of the Job Order Cost by Expense Element report for future implementation by Expense Element with consideration for a version by OMB Object Class.

Add Help documentation to the Site for the Job Order Cost by Expense Element report using the DSL report HELP as a model, that addresses filtering, criteria and creating a spreadsheet using the Save As feature.

TEST PLAN:

From the Site menu select Reports - Job Order Cost by Expense Element. With the report displayed on the screen, click on Help and verify that information is provided for filtering, criteria and creating spreadsheet from the Job Order Cost by Expense Element report.

Technical Analysis:

1. Create a help topic in the FA help and Site help for creating a spreadsheet from the Job Order Cost by Expense Element Report.
2. Add instructions to the "Filter for Job Order Cost by Expense Element Report (View menu)" help topic in the FA help and Site help illustrating the filtering of the report by Expense Element.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
Notes			

System: FDGUI

SCR: X0289-00 Title: CREATE DOCUMENT IN FA FOR COST REDISTRIBUTION

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: FA

Rank: 12.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: Bobby Kincaid
Phone: (850)452-2990

Code: SAC
DSN: 922-2990 x220

Requesting Activity: DFAS TSO Pensacola

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 11/28/2000

WBS Level 1:

Last Modified: 06/25/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	11/28/2000	68700	02-2	02-1	

Requirements Definition:

REQUIREMENTS:

Modify the new cost redistribution process to generate new document transactions ("N" transactions) in the FA, with no restrictions as to the document type generated.

Background and justification for SCR

Due to the requirement for a cost redistribution to be preceded by a document, this requirement requires the USER to create a document at the SITE, then do a cost redistribution. This requirement takes the USER take two to three steps in the process that could be removed by the implementation of this SCR. This change will create an E/C 540 (New) document in the FA for cost redistributions using a unique serial number to prevent duplicate documents at the Site. This capability is needed under the following scenario: A utility bill is paid as an E/C 610 for gas and electricity for 10 customers against a JON not assigned to a Site. The charges are allocated after the bill is paid to document numbers that do not exist in STARS/FL. The 10 customers are located at various Sites so the allocation is done at the FA level.

IEEE Priority = 2

Justification:

Adversely affects the ability to provide accountability of generated accounting transactions.

Functional Analysis:

PDR - 11/07/2001

Currently, the cost redistribution process is required to be preceded by an already existing document, this SCR will require the programming of a new process as follows:

Modify the cost redistribution process to create a document transaction in the FA ("N" transactions), there would be no restrictions as to the document type to be generated. The document will be used to redistribute E/C 610 transactions (such as utility bills, recurring bills, etc) from a single job order that contains the original expenditure charged, to several job orders for the end purpose of allocating costs to more than one Site or Job Order Number. The cost would initially be collected under a single job order, then redistributed to the proper Job Order Number. There would also be a requirement for the generation of an E/C 540 file, using the document transactions in the 'B1' Format, to be exported to STARS FL for the purpose of establishing and adjusting obligations within STARS FL. This redistribution process window asks the user if there were obligations, job orders and/or documents existing in STARS FL prior to allowing the generation of the document transactions and the E/C 540 file.

(Please see the attached document creation list under the attachments tab)

REQUIREMENTS -

- 1.) Cost redistributions must be preceded by a document.
- 2.) Create an E/C 540 (New) document in the FA for cost redistributions.
- 3.) Allow the Redistribution of costs to this newly created document at the FA.
- 4.) Suggest using the EE and OMB Object Class of the Expenditure, if provided, as a default EE and OMB Object Class.
- 5.) Add a process that would perform an additional 'check' to the process, to enable the user to indicate if the transaction currently resides in STARS-FL or if the transaction should be created and does not exist.
- 6.) Do Not Allow Redistribution Record to be sent prior to a new '540' being exported.

Functional Analysis:

The above corrections would allow the FA to process a redistribution under the following scenario:

- a.) A utility bill is paid as an E/C 610 for gas and electricity for 10 customers against a JON not assigned to a Site.
- b.) The charges are allocated after the bill is paid to document numbers that do not exist in STARS/FL.
- c.) The 10 customers are located at various Sites so the allocation is done at the FA level.

Test Plan - PDR 10/19/2001 -

TEST PLAN SCR0289-00
Scenario 1

PDR 10/19/2001

- (1) In The Site, create a E/C 540 document for \$1200.00 (use either an NC2275 or a Miscellaneous Document Type), then export to the FA.
- (2) Create an E/C 610 Expenditure from STARS FL (using an AH10 File) that contains the \$1200.00 Expenditure to the document described in Step (1) above.
- (3) Create an Import file of the Expenditure from STARS FL that was created in Step (2) above, then import the file into the FA from STARS FL.
- (4) In the FA, open the 'Cost Redistribution - New' Process Window. Select the Document that was imported from STARS FL in Step (3) above, for Cost Redistribution.
- (5) In the FA create an E/C 540 new Source Document with a single ACRN (AA), and redistribute \$200.00 from the original document to the new Source Document.
- (6) Repeat Step (5) until a total of three new Source Documents have been created and each have had \$200.00 redistributed from the original document to each new Source Document.
- (7) Input a valid Expense Element and OMB Object Class code that will match one or several of the LOAs assigned to a Site associated with the FA and that will be accepted by STARS FL.
- (8) Export the new Source Documents to STARS FL.
- (9) Create an Expenditure Import file (E/C 610) of the Expenditure(s) created by the New Source Documents as they would be created in STARS FL, then import the file into the FA from as it would be from STARS FL.
- (10) Export the expenditure data to the Site.
- (11.) Verify items posted properly to Site.

TEST PLAN SCR0289-00
Scenario 2

PDR 10/19/2001

- (1) In the FA, create a JON that is not associated with any Site.
- (2) Create an E/C 610 Non-preceded Expenditure from STARS FL (using an AH10 File) that cites the JON created in Step (1) above.
- (3) Create a Suspension Rule that will suspend expenditures citing the JON created in Step (1) above.
- (4) Create an Import file of the Expenditure from STARS FL that was created in Step (2) above, then import the file into the FA from STARS FL (the expenditure will suspend).
- (5) In the FA, open the 'Cost Redistribution - New' Process Window. Select the Expenditure that was imported from STARS FL in Step (4) above and suspended by the Suspension Rule created in Step (3) above, for Cost Redistribution.
- (6) In the FA create an E/C 540 new Memorandum document with a single ACRN (AA) citing a valid JON, and redistribute \$200.00 from the original document to the new Memorandum document.
- (7) Repeat Step (5) until a total of three new Memorandum document/ACRNs have been created and each have had \$200.00 redistributed from the original document to each new Memorandum document.
- (8) Assign the Expense Element and OMB Object Class code from the original expenditure or default the value based on the original document type, or enter valid values that will match the basic LOA assigned to a Site associated with the FA and that will be accepted by STARS FL.
- (9) Export the new Memorandum documents to STARS FL.
- (10) Create an Expenditure Import file (E/C 610) of the Expenditure(s) created by the Cost Redistributions as they would be created in STARS FL, then import the file into the FA as it would be from STARS FL.
- (11) Suspend the original expenditure and allow the new expenditures to process as valid into the FA.
- (12) Export the FA expenditures to the various Sites.
- (13.) Verify items posted properly to Sites.

Technical Analysis:

See attached.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
DOC_CREATE.DOC	Document Creation List	RUSHING P	11/05/2001 09:02 am
X0289-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/18/2002 07:31 am
TEST_SCENARIO_X0289_1.DOC	Test Scenario 1 for SCR X0289	RUSHING P	04/15/2002 09:00 am
TEST_SCENARIO_X0289_2.DOC	Test Scenario 2 for SCR X0289	RUSHING P	04/15/2002 09:00 am

Notes

Date/Time: 10/19/2001 14:33 Author: RUSHING P Activity: Technical Category: Functional

PDR - 10/16/2001

Allow a cost redistribution process to create a non-preceded document in the FA, using a 'CT' in the serial number, while allowing the user to assign a serial number to identify the document as unique, for the purpose of generating an E/C 540 to be exported to STARS FL. Currently, the cost redistribution process is required to be preceded by an already existing document. This process window would also contain additional drop down menus, similar to those found in the 'New Acrn' process menu, the drop down menus would enable the user to assign both an 'Expense Element' and an 'OMB Object Class' to the line of accounting for the newly created non-preceded document. The 'Expense Element' and the 'OMB Object Class' are both necessary to allow STARS FL to properly process the documents and to identify the document(s) with the proper SITE. This process will allow the user to re-distribute the costs to the non-preceded documents, allowing the user to generate NEW E/C 540 Obligations for exporting to STARS FL while preventing duplicate documents from being generated at the Site. The amount of redistribution to the new documents would be offset against the currently existing document having the expenditure to be redistributed. This process will allow the FA to reallocate charges from a bill that has been paid on an existing document number to document numbers that do not exist in STARS FL. The charges would be passed back to the FA from STARS FL, after processing is complete, to be exported to the various Sites. This allows the FA to collect the charges for a bill, against a unique JON that does not exist in all of the affected Sites, then reallocate the costs to the appropriate Sites, even though the original JON does not exist in that Site.

Date/Time: 11/02/2001 08:19 Author: RUSHING P Activity: Technical Category: Functional
PDR - 10/19/2001

Currently, the cost redistribution process is required to be preceded by an already existing document, this SCR will require the programming of a new process as follows:

Allow a new cost redistribution process to create a Non-preceded document transaction in the FA, allowing the use of a 'CT' in the serial number to identify the document as unique. This Non-preceded document will be used to redistribute E/C 610 transactions from one job order to several job orders for the end puprpose of allocating costs to more than one Site or Job Order (I.E. as in the reallocation of Utility Bills). The cost would initially be collected under a single job order, then redistributed to the proper Site or Job Order. There would also be a requirement for the generation of an E/C 540 file, using the Non-preceded document transactions in the 'B1' Format, to be exported to STARS FL for the pupose of establishing obligations within STARS FL. This redistribution process window asks the user if there were existing obligations prior to allowing the generation of the Non-Preceded document transactions. The process would also contain additional drop down menus, similar to those found in the 'New ACRN' process menu, to enable the user to assign both an 'Expense Element' and an 'OMB Object Class' to the line of accounting for the newly created non-preceded document. The 'Expense Element' and the 'OMB Object Class' could be used for STARS FL to properly process the document transactions identifying the document(s) with the proper SITE. This process allows the user to re-distribute the costs to the non-preceded documents while generating NEW E/C 540 Obligations (in the 'B1' Format) for exporting to STARS FL. Additionally it prevents duplicate documents from being generated at the Site or FA. The amount of the redistribution to the new documents would be offset against either a currently existing single job order having the expenditure or a suspended job order, then to be redistributed. This process will allow the FA to reallocate charges from a bill that has been paid on an existing document number to document numbers that do not currently exist in STARS FL. The E/C 610 charges would be passed back to the FA from STARS FL, after processing is complete, to be exported to the various Sites. This allows the FA to collect the charges for a bill, against a unique JON that does not exist in all of the affected Sites, then reallocate the costs to the appropriate Sites, even though the original JON does not exist in that Site.

System: FDGUI

SCR: X0297-00 Title: PROVIDE PROPER TRANSACTION AFTER ACCEPTANCE OF AMENDMENTS FOR NC2275

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: SITE Rank: 13.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: RON & NANCY Code: SAC
Phone: (850)452-2990 DSN: 922-2990 x416

Requesting Activity: DFAS TSO Pensacola Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 12/01/2000

WBS Level 1: Last Modified: 06/12/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	12/01/2000	68700	02-2	02-1	

Requirements Definition:

22 April, 2002,

Requirements:

- 1) Ensure that any prior existing "Basic" or any "earlier Amendments" for any document that had not been accepted, be processed as "accepted" prior to the acceptance of the latest amendment.
- 2) This process should adopt the same procedures in FASTDATA as those required for the proper processing of Form DD 448.

11 Apr 2001 Comments/Questions:

Discussion with Nancy has developed this senario:

A Source 2275 is created and exported as a "New" 915, ACRN AA for \$200.00. An amendment is made for a credit amount and exported as a "T" 915, ACRN AA for <\$30.00>. The amendment is Accepted BEFORE the original and gets exported as a "T" 540, ACRN AA for <\$30.00>. This would fall out at STARS-FL because there is no recorded obligation.

Can't send it as "New" because it would liquidate the 915 completely.

End senario.

The original "requirement" follows:

This is to serve as a reminder that we "may" have a future problem IF we need to have a Site Generated "L" transaction created with a negative amount. At the FA this type of transaction received from the Site cannot be written as an "L" B1 transaction - it will in fact make it a "T" because of the negative amount. Also, no "L" Commitment ever creates a "L" B1 - it will always be written as a "T".

04/08/02

IEEE Priority = 2

Justification:

Ability to support the transfer of financial tranxsctions to the official accounting system.

Functional Analysis:

BACKGROUND:

As long as the ability to accept amendments to the NC2275 out of sequence remains a requirement, I don't see a solution to this SCR. Reading between the lines in Navcompt Manual, there is no way for a performing activity to accept amendment 03 to a 2275 prior to accepting the Basic. The requirement to accept

Functional Analysis:

amendments individually is per Karl Z. many years ago (prior to the GUI). I am unable to contact Karl to determine if a change to this requirement is in order. If the scenario, as described in the requirement, occurs, then the resulting transactions will suspend in STARS/FL. At the very least, if amendment 03 was the first acceptance of a 2275, FASTDATA should automatically accept the Basic.

SOLUTION:

PDR 10/16/2001 - Currently, FASTDATA allows NC2275 documents to be accepted 'out of sequence.' For example, amendment 01 can be accepted (obligated) before the Basic.

This practice will not be allowed in FASTDATA. The NC2275 acceptance process will be consistent with the Form DD448 document acceptance process, which automatically accepts any previously unaccepted amendments for the document. Following the group discussion with other members of the FASTDATA Team Subject Matter Experts (SMEs) on this subject, it was agreed that FASTDATA would allow the acceptance of Form NC2275 amendments, even though previous amendments or the Basic had not been accepted. This process will be performed in much the same manner as Form DD448 documents are processed. Any prior existing Basic or earlier Amendments for the document, that had not been accepted, would be processed as accepted prior to the acceptance of the latest amendment. This change would prevent an error in STARS-FL processing should the later Amendment be for a negative amount and the Basic or earlier Amendments had not been processed as accepted. Conversation with Karl Z. indicated agreement with the proposed solution.

An example of this would be the acceptance of Amendment 01 would automatically generate an acceptance of the Basic, if it had not already been accepted.

TEST PLAN:

TEST PLAN SCR0297-00
SCENARIO 1

- (1) In the Fastdata Site create a new Source NC2275 Document (either Economy Act or Project Order) with a single ACRN (AA) for \$200.00
- (2) Export the Site data.
- (3) From the file menu select "Amend Document".
- (4) Select the previously created NC2275 document.
- (5) Create an amendment to the document for a credit amount of \$30.00 for the original ACRN (AA).
- (6) Export the Site data.
- (7) From the file menu select "Accept Document".
- (8) Select the Basic NC2275 document.
- (9) Accept the Basic NC2275 document.
- (10) Verify that Only the Basics document now has a status of 'Accepted.'
- (11) Enter a 'Receipt' against the Basic Document.
- (12) Export the Site data.
- (13) Verify that the transaction history for the document shows transactions for all Basics and amendments are processed and the cost is calculated at the proper amount.

TEST PLAN SCR0297-00
SCENARIO 2

- (1) In the Fastdata Site create a new Source NC2275 Document (either Economy Act or Project Order) with a single ACRN (AA) for \$200.00
- (2) Export the Site data.
- (3) From the file menu select "Amend Document".
- (4) Select the previously created NC2275 document.
- (5) Create an amendment to the document for a credit amount of \$30.00 for the original ACRN (AA).
- (6) Export the Site data.
- (7) From the file menu select "Accept Document".
- (8) Select the Amendment (01) to the previously created NC2275 document.
- (9) Accept the Amendment (01) to the previously created NC2275 document.
- (10) Verify that all prior Basics and amendments to the document now have a status of 'Accepted.'
- (11) Enter a 'Receipt' against the Basic Document and Amended Document..
- (12) Export the Site data.
- (13) Verify that the transaction history for the document shows transactions for all Basics and amendments are processed and the cost is calculated at the proper amount.

TEST PLAN SCR0297-00
SCENARIO 3

- (1) In the Fastdata Site create a new Source NC2275 Document (either Economy Act or Project Order) with a single ACRN (AA) for \$200.00
- (2) Export the Site data.
- (3) From the file menu select "Amend Document".
- (4) Select the previously created NC2275 document.
- (5) Create an amendment to the document for a credit amount of \$30.00 for the original ACRN (AA).
- (6) Select the previously created NC2275 document.
- (7) Create another amendment to the document for a credit amount of \$50.00 for the original ACRN (AA).
- (8) Export the Site data.
- (9) From the file menu select "Accept Document".
- (10) Select the Amendment (02) to the previously created NC2275 document.
- (11) Accept the Amendment (02) to the previously created NC2275 document.
- (12) Verify that Amendment (02), all prior Basics and amendments to the document now have a status of 'Accepted.'
- (13) Enter a 'Receipt' against the Basic Document and Amended Documents..
- (14) Export the Site data.
- (15) Verify that the transaction history for the document shows transactions for all Basics and amendments are processed and the cost is calculated at the proper

Functional Analysis:

amount.

TEST PLAN SCRX0297-00
SCENARIO 4

- (1) In the Fastdata Site create a new Source NC2275 Document (either Economy Act or Project Order) with a single ACRN (AA) for \$200.00
- (2) Export the Site data.
- (3) From the file menu select "Amend Document".
- (4) Select the previously created NC2275 document.
- (5) Create an amendment to the document for a credit amount of \$30.00 for the original ACRN (AA).
- (6) Select the previously created NC2275 document.
- (7) Create another amendment to the document for a credit amount of \$50.00 for the original ACRN (AA).
- (8) Export the Site data.
- (9) From the file menu select "Accept Document".
- (10) Select the Amendment (02) to the previously created NC2275 document.
- (11) Accept the Amendment (02) to the previously created NC2275 document.
- (12) Verify that Amendment (02), all prior Basics and amendments to the document now have a status of 'Accepted.'
- (13) Enter a 'Receipt' against the Basic Document and Amended Documents.
- (14) Export the Site data.
- (15) Verify that the transaction history for the document shows transactions for all Basics and amendments are processed and the cost is calculated at the proper amount.
- (16) Enter a 'Cancellation' against Amendment (02)
- (17) Export the Site data.
- (18) Verify that the transaction history for the document shows transactions for all Basics and amendments are processed and the cost is calculated at the proper amount.

Technical Analysis:

See attachments.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
TEST_PLAN_X0297.DOC	Test Plan for SCR X0297	RUSHING P	10/15/2001 11:52 am
X0297-00 TECHNICAL ANALYSIS.DOC		BONT J	03/15/2002 02:30 pm

Notes

Date/Time: 10/16/2001 12:52 Author: RUSHING P Activity: Technical Category: Functional

PDR 10/02/2001 - In discussions with Subject Matter Experts (SMEs) on this subject, it was determined that a warning message should be displayed prior to allowing the acceptance any basics/amendments 'out of sequence'. The 'Warning Message' should also warn the user that by processing these basic/amendments 'out of sequence', that a negative obligation transaction amount could be created within FASTDATA. STARS-FL would not allow this transaction to process and the transaction would therefore be dropped out of Stars-FL. The display should also allow the user to process all previously unprocessed basic/amendments, prior to acceptance of the amendment in question. By allowing the user to process a 'Y' for yes or an 'N' for no on the warning message, it would still give the user the latitude to automatically process the acceptance for all basic/amendments that had not been accepted in the correct order, or to process each one individually.

PDR 10/15/2001 - Following the group discussion with other members of the FASTDATA Team Subject Matter Experts (SMEs) on this subject, it was agreed that FASTDATA would allow the acceptance of Form NC2275 'out of sequence' amendments in much the same manner as Form DD448 documents are processed. Any prior existing Basic or Amendment documents that had not been accepted would be processed as accepted prior to the acceptance of the 'out of sequence' amendment. This change would prevent an error in STARS-FL processing should the 'out of sequence' amendment be for a negative amount and the Basic had not been processed as accepted.

System: FDGUI

SCR: X0304-00 Title: INCREASE NUMBER OF SUPPLEMENTAL DOCUMENTS

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: SITE Rank: 15.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: THOMAS MURPHY Code: N823
Phone: (619)532-3062 DSN: 522-3062 x

Requesting Activity: CNRSW Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 12/04/2000

WBS Level 1: Last Modified: 06/04/2002

WBS Level 2:

Customer Control Number	Received 12/04/2000	UIC 00242	Release 02-2	Target Release 01-2	Total Amendments

Requirements Definition:

Thomas Murphy, CNRSW, requests the capability to enter more than 99 supplemental documents, particularly SF1034's. The Child Development Center, SD, issues multiple public vouchers (more than 99) against one document number. Research indicates the application produces an error that is invisible to the user whenever the 101th SF1034 is entered. The program uses 99 as the last database value, adds 1 to 99 to get 100. Since 100 already exists, the program does not allow another SF1034 to update the database. The user continues to enter SF1034's but nothing is stored to the database.

04/08/02

IEEE Priority = 2

Justification:

Adversely affects the ability to generate source documents.

Functional Analysis:

No functional analysis required. This is a technical problem.

Technical Analysis:

Currently, the application allows only 99 supplemental documents (SF1034, DD1131, and/or NC2061) to be entered into the system. This error is the result of a PowerBuilder miscalculation. Presently, the process retrieves the list of supplemental documents, sorts the list, and increments the value of the last amendment id in the list. Because the data type of amendment id is string, the sort always places the value '99' as the last value. If 99 supplemental documents exist in the system, the next document entered will have a value of '100.' Because of the PowerBuilder sort error, document 99 will be assumed to be the last document, and therefore be incremented to 100. Thus no document will have a value greater than '100.'

A different method will be used to calculate the last supplemental value.

Rather than sort the list and increment the last value, the process will retrieve the list of values and compare each value to the next to determine the greater of the two. The process will traverse the list until the last value is reached. The correct maximum value will then be incremented and assigned to the amendment id of the document. The new process will allow 99999 supplemental documents to be created.

See Technical Analysis - X0304.doc for Unit Test Plan.

The data objects that display and print the totals for ACRNs and Line Items on the DD1131 omitted part of the primary key in the list of retrieval arguments. This problem was documented in PTR P0324 as doubling the total amounts under certain circumstances. The data objects require modification to ensure that the full primary key is included in the list of retrieval arguments.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0304-00 TECHNICAL ANALYSIS.DOC		DRIVER L	03/15/2002 11:21 am

Notes

System: FDGUI

SCR: X0358-00 Title: OUTBOUND INTERFACE - PROJECT ORDER/WORK REQUEST

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: SITE Rank: 16.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: John Pledger/Jack Barton Code: SAC
Phone: (850)452-2990 DSN: 922-2990 x400

Requesting Activity: DFAS TSO Pensacola Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 04/04/2001

WBS Level 1: Last Modified: 07/11/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	04/04/2001	68700	02-2	02-1	1

Requirements Definition:

Will Provide interface from FASTDATA to include a NC2275/DD448 to other PWC type systems. Develop a "EDI-511 UDF" interface format. Acceptance of work is under SCR X0360.

IEEE Priority = 2

Justification is:

Will provide security and data integrity of financial information required by labor tracking and scheduling systems. Will ensure accurate job and labor costing information can be provided to higher authority by eliminating multiple manual inputting of data into differing systems. There is no acceptable work around to this situation.

Functional Analysis:

Requirement: Produce an interface to export Project Order/Work Request source data.

FASTDATA will provide an interface for the export of Project Order/Work Request documents.

1. The Project Order/Work Request Interface (hereafter referred to as the PO/WR interface) will be implemented in the Site Module as part of Software release 02-2.

2. The PO/WR interface specifically shall be engineered to meet the needs of FASTDATA customers who are utilizing automated systems for work control. But shall not be engineered so that other customers desiring to export WO/PO documents for their own purposes will be prevented from doing so.

3. The PO/WR interface shall be developed to export Purchase Order and Work Request data utilizing a variation of the EDI-511 format (EDI 511 UDF).

4. Access to the WR/PO interface shall be by means of inherited rights currently imposed by the FA for Import/Export at the Site.

5. All DD448 and NC2275 source documents will be considered candidates for export via the PO/WR interface.

Exclude as candidates:

A. All previously exported DD448/NC2275 documents.

B. All previously accepted DD448/NC2275 documents.

C. All Memorandum Documents.

D. Any DD448/NC2275 document that does not meet the interface "Required Element" criteria.

6. Provide a mechanism for the user to exclude documents from the export process. A suggested methodology would be the same technique as is used for the SPS export.

7. If a user elects to exclude a document from the export process, automatically exclude any amendments for that document. The exclusion to be immediate so as to not give the impression that subsequent amendments are candidates.

8. If a user elects to exclude an amendment from the export process, automatically exclude any subsequent amendments. The exclusion to be immediate so as to not give the impression that subsequent amendments are candidates.

9. Background processing, menu placement, menu wording, and a means of excluding previously exported documents is regarded as a technical design issue and as such, shall not be addressed by this document.

10. Importing of Acceptance data is addressed by separate SCR.

11. Format of the variant EDI-511 (EDI 511 UDF) is discussed in detail in an attached document. (See X0358_Tech_Specification.doc).

12. File naming convention requires:

A. Constant "511".

B. 5 position Site UIC.

C. Unique 6 character (digit) serial number (Batch Number).

D. Period (.)

Functional Analysis:

13. File format is standard ASCII flat file.
14. Layout of first 18 characters of each record within the file:
 - A. Positions 1-3 = "511"
 - B. Positions 4-14 - Requisitioner or trading partner - Code as the 5 position Activity UIC (no service code) followed by a 6 position unique serial number (Record Number).
 - C. Position 15-16 = Space
 - D. Positions 17-18 = Record ID
15. Provide a mechanism to store and recall the unique serial number (Batch Number).
16. Provide a mechanism to recreate a batch (exported file).
17. Utilization of the export process to be manually initiated by the user.
18. Produce an exported Project Order/Work Request report to include:
Provide the ability to filter by:
 - Document Type
 - Unique Serial Number (Batch Number)
 - Database User IDProvide for the following Data Elements on the report:
(In Report Heading sorted by DCN/ACRN):
 - FA Identifier
 - Site Identifier
 - Date/time of export
 - File Name created(In Report Body):
 - Document Number
 - ACRN
 - Amendment Number
 - Document Type (Specify DD448 or NC2275)
 - Optar Log Description
 - Dollar Amount
 - Unique Serial Number (Batch Number)(Control Break by Batch Number)
 - Total by Document Type
 - Dollar Amount
 - Number of Exported Documents(Totals in Footer)
 - Grand Total of Exported Documents (By Type)
 - Grand Total (Dollar Amount)
19. Produce an Unexported Project Order/Work Request Data report. Clone the existing Unexported Procurement Data Report with the new title. Retain the format, data elements, filtering and selection criteria from the existing report.

Local Test Plan:

1. Create numerous DD448 documents and amendments. Vary the amount for each amendment. Create a number of credit amendments as well as a number of debit amendments.
2. Create numerous NC2275 documents and amendments. Vary the amount for each amendment. Create a number of credit amendments as well as a number of debit amendments.
3. Accept some of the documents, both DD448 and NC2275s. Accept 1 or more amendments of each type.
4. Create one or more DD448 and one or more NC2275 Memorandum documents.
5. Create an administrative amendment to one DD448 and one NC2275 Source documents.
6. Create one NC2275 and one DD448 with the following conditions (one condition per document):
 - A. Bill to UIC - Space or blank (Ship Invoices To on DD448)
 - B. Billing Address, Line 1 - Space or blank (Ship Invoices To on DD448)
 - C. From UIC - Space or blank
 - D. From Address, Line 1 - Space or blank
 - E. To UIC - Space or blank (NC2275 Only)
 - F. To Address, Line 1 - Space or blank (NC2275 Only)
7. Execute the export PO/WR interface.
8. Include the following actions:
 - A. Export a basic document which has amendments, attempt to exclude amendment 01 and export amendment 02
 1. Expected result - If amendment 01 is excluded, all subsequent amendments shall also be excluded.
 - B. Exclude a basic document that has amendments from export. Attempt to export one or more amendments.
 1. Expected result - If the basic document is excluded, all amendments shall be excluded as well.
 - C. Export file.
 - D. Physically check the file for completeness.
 1. Ensure that those documents cited in Paragraphs 8A and 8B are not included in the exported file.
 2. Ensure that the administrative amendments created in Paragraph 5 are not included in the exported file.
 3. Ensure that none of the documents created in Paragraph 6 (A-F) are included in the exported file.
 4. Ensure that all properly selected DD448 and NC2275 source documents are included in the exported file.
 - E. Physically check the file with a text editor to ensure:
All provisions of Paragraphs 12, 13, and 14 of the Functional Specifications are correctly implemented.
 - F. If all above (Paragraph 8A-8E) are successful, forward the file as specified in the Coordinated Test Plan, otherwise reject.

Coordinated Test Plan:

Coordinate testing the interface with Mr. John Pledger and Mr. Tim Calaway. Provide data as requested to him. Mr. Tim Calaway can be reached at (619) 532-

Functional Analysis:

4330 DSN 522 (EITS System), and Mr. John Pledger may be reached at (202) 433-3868. When accepted by Mr. Pledger, and Mr. Calaway, interface testing is regarded to have been successful at all levels.

Technical Analysis:

see attached

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0358_TECH_SPECIFICATION.DOC	Technical Specification	BARTON J	04/25/2002 01:52 pm
X0358-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	05/10/2002 08:31 am

Notes

Date/Time: 04/24/2001 09:00 Author: KINCAID B Activity: Technical Category: Requirements

1. Find out using the B1 lieu of acceptance format.
2. SOW included or not.
3. Additional validations and edits.
4. FTP requirements.
5. File names.

Date/Time: 04/24/2001 10:00 Author: BARTON J Activity: Technical Category: Requirements

1. Attempted to contact J. Pledger (4/24/01) no answer, no voicemail... 2 attempts...
2. Attempted contact, 4/25/01, 4 attempts, same as above.
3. Redesignated as a general WO/PO interface to include DD448 and NC2275. (Release 02-2).

System: FDGUI

SCR: X0358-01 Title: OUTBOUND INTERFACE - PROJECT ORDER/WORK REQUEST

Permanent Organizational Control: Technical

Status: Accepted Final Impact Routing Sub-System: SITE Rank: 16.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: John Pledger/Jack Barton Code: SAC
Phone: (850)452-2990 DSN: 922-2990 x400

Requesting Activity: DFAS TSO Pensacola Requested Completion by: 00/00/0000

Prepared by: Jack Barton Date Prepared: 07/09/2002

WBS Level 1: Last Modified: 07/11/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	07/09/2002	.	02-2	02-2	1

Requirements Definition:

Modify original requirement to include:

Modify both the PO/WR and the SPS interfaces to:

1. Exclude from consideration those documents that have not been exported to the FA.
2. Exclude from consideration those documents that are cancelled prior to being exported via the PO/WR or SPS interface.
3. When a document has been exported to an external system, on the screens which display the document, add to the header: "Sent to x" where x represents the name of the external system.
4. When a document that is not amendable has been exported to an external system, and the user desires to cancel the document, prompt the user with a warning "The document has been exported to x interface, are you sure you want to cancel the document?", or words to that effect.

Functional Analysis:

No Functional Analysis required.

Technical Analysis:

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
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Notes

System: FDGUI

SCR: X0360-00

Title: INBOUND INTERFACE - PROJECT ORDER/WORK REQUEST ACCEPTANCE

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: SITE

Rank: 17.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: John Pledger/Jack Barton

Code: SAC

Phone: (850)452-2990

DSN: 922-2990 x400

Requesting Activity: DFAS TSO Pensacola

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 04/11/2001

WBS Level 1:

Last Modified: 07/16/2002

WBS Level 2:

Customer Control Number

Received
04/11/2001

UIC
68700

Release
02-2

Target Release
02-1

Total Amendments

Requirements Definition:

Provide for the processing of work acceptance from interfaced systems. Acceptance will apply to Purchase Request/Work Orders, and certain Requisitions. Expected interfaced systems are Defense Working Capital Accounting System (DWAS); EITS, and certain other web-based systems. The Purchase Order/Work Request interface was created under SCR X0358.

IEEE Priority = 2

Justification:

Supports the ability to transfer financial information between FASTDATA, the Official Accounting System, and the Work/Purchase Order tracking systems. There is no acceptable work-around at the present time.

Functional Analysis:

FASTDATA will provide an interface for the import of Purchase Order/Work Request acceptance documents.

1. The Acceptance Data Interface (hereafter referred to as the Acceptance interface) will be implemented in the Site Module as part of Software release 02-2.
2. The Acceptance interface shall be developed to import Acceptance data utilizing a variation of the EDI-821 format.
3. Background processing, menu placement, and screening of previously imported documents is regarded as a technical design issue and as such, shall not be addressed by this document.
4. Export of source data is addressed by SCR X0358.
5. FASTDATA Acceptance rules will be in effect for any acceptance received via the acceptance interface:
 - A. Acceptance of any amendment will constitute acceptance of any prior unaccepted amendments and basic document (basic document and all lower numbered amendments).
 - B. Transactions generated by this process:
 1. NC2275: Generate a "New" 540 to be exported to the FA
 2. DD448 Cat 1: Generate a "New" 540 to be exported to the FA
 3. DD448 Cat2: Do not generate an exportable transaction
 4. NC2276: Do not generate an exportable transaction
 - C. Assumptions:
 1. DD448 acceptance received without a category will default to the document category on file
 - D. Reject criteria:
 1. Absence of any "Required" data element as delineated in the attached EDI-821 UDF specification
 2. Presence of an acceptance on a previously accepted document or amendment
 3. Absence of ACRN on multi-ACRN document
 4. Import of a duplicate Batch Number
6. Rejected transactions will not be stored.
7. There will be no correction process. Rejected transactions are considered "dead", must be imported with a subsequent batch or manually entered for acceptance to occur.
8. Produce a report of actions taken. "Inbound Acceptance Report". Report to be retained for a minimum 10 cycles. Display the report at the time the import is completed, store the report, and provide the action of printing. Report to include:
 - A. Header Data:
 1. Report Title

Functional Analysis:

2. FA UIC (FAID)
3. Site Identifier
3. Date/Time of import
4. Batch Number
5. External File ID
- B. Report Body:
 1. Document Number
 2. ACRN
 3. Action Taken (Accepted/Rejected)
 4. Document Type (ie DD448, NC2275, NC2276)
 5. Category (If replacement category, show old/new)
 6. Exportable transaction generated (Y/N)
 7. Break report into "Accepted" and "Rejected" sections.
 - A. If accepted:
 - Accepting Official
 - Acceptance Date
 - Amendment Number of "Forced" acceptances
 - B. If rejected:
 - Reason for rejection (verbose explanation)
- C. Provide "filters" so that report can be extracted by:
 1. Batch Number
 2. FA UIC (FAID)
 3. Document Type
 4. Accepted transactions
 5. Rejected transactions
8. Format of the variant EDI-821 is discussed in detail in X0360_Tech_Specification.doc (attached).
 EDI-821 UDF considerations:
 1. File naming convention requires:
 - A. Constant "821".
 - C. Unique 6 character (digit) serial number. (Batch Number)
 - D. Period (.)
 2. File format is standard ASCII flat file.
 3. Each line of data is herein referred to as a record.
 4. There can be no blank lines (blank record).
 5. Record size cannot exceed 1024 characters.
 6. Carriage Return Line Feed (ASCII 12 10 - Hex 0C 0A) will terminate each line of data.
 7. All data elements are to be left justified, and initialized to zero (if numeric) or space (if alphabetic/alphanumeric). Unused positions of the data element will be right-padded with spaces (alphanumeric data elements only) unless otherwise stated.
 8. No zero/space fill after the record terminator.
 9. Positions 1-18 of the record are not counted in the 1024 characters.
 10. Layout of first 18 characters:
 - A. Positions 1-3 = "821"
 - B. Positions 4-14 - Requisitioner or trading partner - Code as the 5 position Activity UIC (no service code) followed by a 6 position unique serial number.
 - C. Position 15-16 = Space
 - D. Positions 17-18 = Record ID
 11. There are numerous unique record formats (Record ID) which are used within the EDI-821 File construct. The Acceptance interface will utilize only 3 of these record formats. They are described in detail in X0360_Tech_Specifications.doc (attached).

Test Plan:

1. Contact Mr. Tim Calaway at (619) 532-4330 DSN 522 (EITS System). Mr. Calaway has agreed to provide acceptance data from the EITS system. If an import file is not available for timely testing, create a test file following the guidelines specified in the EDI-821 UDF section of the attachment (X0360_Tech_Specifications.doc).
2. Edit the file from EITS, extract the Document Number/ACRN from each Document being accepted.
3. Import the file from EITS into FASTDATA Site Module.
4. In the Site software, click File, Accept Document, View.
5. Ensure that all documents listed on the extracted date (Step 2) appear on the acceptance selection screen.
6. Ensure that all documents listed on the extracted date (Step 2) have a status of "Accepted" on the acceptance selection screen.
7. Produce the Inbound Acceptance Report. Ensure that every transaction from the inbound file is included in either the "accepted" or "rejected" portion of the report.
8. Produce the Accounting Transactions Batch Report (Current). Refer to the extracted Document Number/ACRN data ("accepted portion" Step 7). Ensure that each of the DCN/ACRN combinations on the extraction is present in the form of an OBL transaction on the report for those transactions that require export to the FA.

Technical Analysis:

The Site will be modified to include an interface for the import of Project Request/Work Acceptance documents. An EDI 821 file will be created via an external interface (i.e. DWAS, EITS). A Site user will have the ability to import this file. Acceptance data, as specified in the X0360-00 Tech Spec document, will be extracted from the EDI file. A process will take place verifying the extraced data exists in the database. If the data is there, Acceptance processing will take place. If the data does not exist in the database, those certain transactions will suspend after the importing of the data is complete. The suspended transactions

Technical Analysis:

will be able to be corrected or purged by the user.

CCB Disposition:**Attachments:**

Filename	Description	User ID	Date Attached
X0360_TECH_SPECIFICATION.DOC	X0360 Technical Specification	BARTON J	04/10/2002 02:23 pm
X0360-00 TECHNICAL ANALYSIS.DOC		DRIVER L	05/08/2002 01:44 pm

Notes

Date/Time: 08/24/2001 13:41 Author: KINCAID B Activity: Technical Category: Requirements
Related SCR X0358 - DWAS Interface - is on hold according to Jack Barton. This SCR is pending work under X0358.

System: FDGUI

SCR: X0361-00 Title: WEB PORTAL INTERFACE - IMPORT DATA INTO FASTDATA FROM IBSS

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: SITE Rank: 5.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Chuck Cartwright/Jack Barton Code: .
Phone: (408)656-2508 DSN: 878-2508 x

Requesting Activity: NPS Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 04/11/2001

WBS Level 1: Last Modified: 06/26/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	04/11/2001	62271	02-2	01-2	

Requirements Definition:

Provide an interface for documents at the Site module. Implement in phases, with the first phase (02-2) being an interface between the Naval Postgraduate School's (NPS) Integrated Business Support Services (IBSS) system and FASTDATA. IBSS, a web-enabled system, will interface in a near real-time mode sending parameters to effect edits against the JON and JON expiration date, a funds check, and creation of a document number.

FASTDATA will perform the appropriate validations and funds check, update funds, create a commitment (E/C 915) source or memo document in FASTDATA, and return the document data to IBSS, where it is subjected to a tracking/approval process. The resulting obligation will be returned through existing interfaces (ATOS+, Paris, Inbound Interface).

NPS desires to provide full commitment accounting in compliance with the Chief Financial Officers (CFO) Act of 1990 (Public Law 101-576) (similar to DCII). Therefore, NPS requires a commitment (E/C 915) memo, to encumber their funds.

Future phases will be documented in a separate SCR.

IEEE Priority = 2

Justification:

Will provide security and data integrity of financial information required by labor tracking and scheduling systems; Adversely affects the ability to implement policy changes; Will ensure accurate job and labor costing information can be provided to higher authority by eliminating multiple manual inputting of data into differing systems

Functional Analysis:

4/11/02 BHB

1. Parameters passed will call the Oracle database and mirror the FASTDATA stored document.
2. Create all documents as commitment documents (E/C 915).
3. Assume the same characteristics as documents that are entered online.
4. Documents initially created by the IBSS interface can be maintained both online and via the inbound interface.

Reports: Transaction History Report

Test Plan:

Phase I

Functional Analysis:

1. Create a test file interface of source document(s) in the required 511 UDF format from a feeder system.
2. System will perform necessary edits and validations within FASTDATA.
3. Review UDF EDI File data contents
 - a. Verify that the UDF EDI file format supports the source document created.
 - b. Validate accounting data/JON assigned to source document is correct.
 - c. Perform a fund check on dollars amounts received from interface file
4. Interface test file into FastData.
5. Verify if FastData received interface test file.
6. Validate if FastData created a commitment (E/C 915) from the applicable source document(s) interface test file,
 - a. Verify all associated data elements (SDN, JON, Dollar Amount, etc.) matches source document(s) from the interface test file.
7. Verify report(s) Transaction History Report reflect the correct format and data.
8. Verify that the B1 interface was created and reflect the correct format
 - a. Validate that the interface file contains the correct 540 (obligation) document(s) received via the Web Portal interface.
 - b. Validate data content(s) (i.e. SDN, dollar amount, JON etc.)

Test Plan

Phase II:

1. Create a transaction citing a non-existent JON
 - a. Validate that the correct error message is returned to the originating system.
2. Create a transaction with a JON that will exceed the funding for the OPTAR.
 - a. Validate the correct error message is returned to the originating system.

Report: _____??

Technical Analysis:

1. FASTDATA Web Portal will encompass a series of Import/Export facilities out of/into the Site Module. The Web Portal concept will apply only to those users implementing FASTDATA utilizing an Oracle database. Web Portal interfaces will be released in stages over numerous software releases as desired by the FD user community.
 2. Web Portal interfaces should be seamless to the user, with processing occurring in the background whenever possible rather than through menu selection.
 3. As phase I of the Web Portal concept, Fastdata will provide an interface for the import of Memorandum documents, with corresponding export of document number assigned for those documents.
 4. The Memorandum Document Interface (hereafter referred to as the MEMO interface) will be implemented in the Site Module as part of Software release 02-2.
 5. The MEMO interface specifically shall be engineered to meet the needs of Fastdata customers who are utilizing automated systems such as DTS, and Order Writer; as well as those customers utilizing web based "all-in-one" solutions such as the Naval Postgraduate School's Integrated Business Support Services (IBSS).
 6. The MEMO interface shall be developed to import Memo data in a variation of the EDI-511 format.
 7. Upon receipt of an MEMO interface TS, the FASTDATA Site module will perform a Funds Availability Check to ensure that sufficient funds exist for processing the document. If funds are not available, notification, in the form of a text reason for reject, will be transmitted to the document's originating source.
 8. Upon receipt of a Transaction Set, FASTDATA Site Module will validate that the Job Order Number exists and that that the Close Material Date/Close Labor Date have not lapsed. In the event that the Job Order is deemed to be invalid for any reason, notification, in the form of a text reason for reject, will be transmitted to the document's originating source.
 9. If the Job Order is valid and funds are available, the FASTDATA Site module will generate a document number for the document, create a commitment transaction for further transmission to the Fund Administrator, and forward the Document Number to the originating source.
 10. Background processing is regarded as a technical design issue and as such, shall not be addressed by this document.
 11. Matching obligating documents are expected to be imported via the B1 interface from the various sources.
 12. In the event that an imported MEMO interface document contains the full document number, it will be processed as a correction. The transaction set will be parsed and compared to the existing document. Differences will result in the generation of an adjusting transaction, and may require transmittal to STARS-FL via the Fund Administrator interface.
 13. Format of the variant EDI-511 is discussed in detail in X0361_Interface_Specifications.doc (attachment).
- EDI Considerations

1. File naming convention requires:
 - A. Constant "511".
 - B. 5 position Site UIC.
 - C. Unique 6 character (digit) serial number.
 - D. Period (.)
2. File format is standard ASCII flat file.
3. Each line of data is herein referred to as a record.
4. There can be no blank lines.
5. Record size cannot exceed 1024 characters.
6. Carriage Return Line Feed (ASCII 12 10 - Hex 0C 0A)
7. All data elements are to be left justified, and initialized to zero (if numeric) or space (if alphabetic/alphanumeric). Unused positions of the data element will be right-padded with spaces (alphanumeric data elements only).
8. No zero/space fill after the record terminator
9. Positions 1-18 of the record are not counted in the 1024 characters.

Technical Analysis:

10. Layout of first 18 characters:

A. Positions 1-3 = "511"

B. Positions 4-14 - Requisitioner or trading partner - Code as the 5 position Activity UIC (no service code) followed by a 6 position unique serial number.

C. Position 15-16 = Space

D. Positions 17-18 = Record ID

11. There are 18 unique record formats (Record ID) which are used within the EDI 511 File construct. Several of these record types are used for initiators or terminators for looping constructs. The MEMO interface will utilize only 9 of these record formats. They are described in X0361_Interface_Specifications.doc (attachment).

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0361_INTERFACE_SPECIFICATION.DOC	X0361_interface_specification	TRAWICK M	03/28/2002 10:34 am
X0361-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/18/2002 07:46 am

Notes

Date/Time: 04/19/2001 13:42 Author: KINCAID B Activity: Technical Category: Requirements

System-specific security requirements should be added to the MSRL in the SSAA.

Date/Time: 04/19/2001 13:48 Author: REDMOND R Activity: Technical Category: Functional

See list of security requirements (attached).

System: FDGUI

SCR: X0361-01 Title: IMPLEMENT IMPROVED SCHEDULER

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA SITE Rank: 5.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Hardy Hill/Ray Anderson Code: MED14
Phone: (202)762-3562 DSN: 762-3562 x

Requesting Activity: BUMED Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 11/30/2001

WBS Level 1: Last Modified: 07/11/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
(202) 762-3562	11/30/2001	00018	02-2	02-2	

Requirements Definition:

FASTDATA (Release 00-2) implemented a temporary solution for automatically importing files into the Oracle database. This process required three components:

1. The usage of Oracle's process queue.
2. The ability for the user to define a schedule of events to be executed by the database.
3. The usage of a third party task scheduler to process operating system requests.

The Oracle process is set to "wake up" every ten minutes to check the user-defined schedule of events to determine which processes to execute. If the process requires interaction with the operating system, a O/S batch file is created. These batch files are executed by a third party task scheduler. The most common task scheduler is the AT command or WinAT graphic interface on a Windows-based operating system. There are limitations to the number of tasks that may be queued using this method and therefore the batch files are only executing every half hour.

An additional draw back in the in itial design is the lack of support for UNIX-based operating system calls. A majority of the Oracle servers are hosted on a Windows-based O/S but this limits the usability of the automated processes in some activities.

Elimintate the need for a third party scheduler via direct calls from the database to the operating system.

Functional Analysis:

WAIVER COMPLETED 4/23/02 bhb/JB

Technical Analysis:

1. The Oracle database shall be able to make operating system calls directly without requiring a third party scheduler.
2. The execution of user defined schedules for the following processes shall utilize direct operating system calls:
 - a. Send authorized amounts to DMLSS.
 - b. Receive encumbered amounts from DMLSS.
 - c. Process transactions from external system(s).
3. The direct calls to the operating system shall support Microsoft and UNIX-based operating systems.

See attachment.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0439-00 TECHNICAL ANALYSIS.DOC		BONT J	03/15/2002 11:59 am

Notes

System: FDGUI

SCR: X0434-00 Title: AUTOMATE INBOUND INTERFACE

Temporary Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA SITE Rank: 3.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Hardy Hill/Ray Anderson Code: MED-14
Phone: (202)762-3562 DSN: 762-3562 x

Requesting Activity: BUMED Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 11/30/2001

WBS Level 1: Last Modified: 06/26/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	11/30/2001	00018	02-2	02-2	

Requirements Definition:

Complete the Inbound Interface for "B1" accounting transactions by providing the option to automatically validate and store transactions parsed by the FA into all appropriate Sites.

BUMED Justification:

Currently the automated process for processing inbound transactions imports the file and dumps the transactions into the suspense file within each Site. This means that a user must manually enter each Site and process the suspended transactions in order to have the transactions posted and available for export to STARS-FL. The use of the suspense file mechanism was a temporary expedient and needs to be replaced with a process supporting full automation and posting of the transactions without user interaction. The large number of Sites at BUMED activities, increasing user of external travel programs interfaced to FASTDATA, and impact on reconciliation makes this a critical issue for resolution.

IEEE Priority = 2

Justification:

Provides the ability to support the transfer of financial transactions to the official accounting system in a timely and accurate manner.

Functional Analysis:

B1 transaction processing shall be modified in accordance with the following:

1. The Oracle database shall process B1 transactions from external files directly into the appropriate tables as opposed to placing in the FASTDATA_FS_EXTERNAL table.
2. All business rules for processing B1 files through the external interface in the FASTDATA Site application shall be honored when processing transactions automatically.
3. The Oracle database shall generate required reports when processing B1 transactions.

MPC transaction processing shall be modified in accordance with the following:

1. The Oracle database shall process Military Purchase Card (MPC) transactions from external files directly into the appropriate tables as opposed to placing in the FASTDATA_FS_EXTERNAL table.
2. All business rules for processing MPC files through the external interface in the FASTDATA Site application shall be honored when processing transactions automatically.
3. The Oracle database shall generate required reports when processing MPC transactions.

Expenditure transaction processing shall be modified in accordance with the following:

1. The Oracle database shall process expenditure transactions from external files directly into the appropriate tables.
2. All business rules for processing expenditure files through the Process/Import/Expenditure process in the FASTDATA FA application shall be honored when processing transactions automatically.
3. The Oracle database shall generate required reports when processing expenditure transactions.

Technical Analysis:

see attached

CCB Disposition:

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0434-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/22/2002 01:50 pm

Notes

System: FDGUI

SCR: X0435-00 Title: AUTOMATE FTP TO/FROM STARS

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA Rank: 6.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Hardy Hill/Ray Anderson Code: MED14
Phone: (202)762-3562 DSN: 762-3562 x

Requesting Activity: BUMED Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 11/30/2001

WBS Level 1: Last Modified: 07/16/2002

WBS Level 2:

Customer Control Number	Received 11/30/2001	UIC 00018	Release 02-2	Target Release 02-2	Total Amendments
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Requirements Definition:

Complete the automated FTP functionality for transmissions to and from STARS.

BUMED Justification:

Original requirement outlined by BUMED for transmission of files to/from STARS included automatic FTP based on time/date settings. Currently the Automatic function provides this capability only as a user initiated transmission. Time delays in processing transactions in this fashion exacerbate the problems in performing reconciliation and result in understatement of actual GAO in STARS. BUMED needs the Automatic functionality to be expanded to include the file transmissions with the capability to turn this on/off to accommodate end of month/quarter STARS deadlines.

IEEE Priority = 2

Justification:

Adversely affects the ability to transfer financial transactions to the official accounting system.

Functional Analysis:

- The application shall allow the user to set a schedule for the following processes:
 - Receive expenditures from the official accounting system.
 - Send an accounting batch to the official accounting system.
 - Send cost redistributions to the official accounting system.
- The user shall have the ability to activate/deactivate these items independently.
- The application shall, based on this schedule and the completion of file transfer parameters, send the required information to the proper destination.
- The application shall generate reports normally created via the manual processing of the above processes.
- The application shall retain a copy of the information send or received as a result of the above schedule.
- The application shall retain the results of transferring the files as a result of the above schedule.
- The application shall support both a Windows and UNIX-based server.

Technical Analysis:

See attached

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
X0435-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/18/2002 07:56 am

Notes

System: FDGUI

SCR: X0435-01 Title: ADD AUTOMATED RECONCILIATION PROCESS

Permanent Organizational Control: Technical

Status: Accepted Technical Analysis Sub-System: FA Rank: 6.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: KARL ZWIERSKI Code: A
Phone: (619)545-2666 DSN: 735-2666 x

Requesting Activity: COMNAVAIRRES Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 06/11/1998

WBS Level 1: Last Modified: 07/16/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
GUI 1	06/11/1998	68700	02-2	02-2	

Requirements Definition:

Add automated reconciliation process. V3 Baseline (DON E2E IPT) "Blue Book" requirement 06.01.03 states: "If the cost accounting system may maintain its own set of data classification tables, then reconciliation and replication of duplicated data between the systems must be easy, frequent and reliable."

Hardy Hill, BUMED, Justification:

Currently, reconciliation of FASTDATA, STARS, and any external system generated transactions must be performed as a manual process by physically comparing transaction listing or screens generated by multiple systems. A third party package, Budget Builder, can provide reconciliation at the document/ACRN level, but is of limited value to BUMED activities due to the bulk credit card process and the presence of cost transfers which are recognized only at the JON level. Users urgently need the ability to have FASTDATA perform a periodic reconciliation between supported systems to validate document status and value in all systems and the ledger account balances in STARS.

BUMED Recommendation:

- 1.) Requirements have only been identified in general and would require extensive review and research. BUMED has been able to develop a small external FOXPRO program providing limited reconciliation using exported files from FASTDATA (Site Document Status Log (DSL) reports), DMLSS, and STARS QMF (kgb0230.DCCSCCP).
- 2.) Reconciliation would require all three file sets at a minimum. Mr. Hill proposed a new standard directory \Utility\Recon into which these files would be placed.
 - a.) The DMLSS Project office would be requested to create the DMLSS file and place it in the directory.
 - b.) FASTDATA would need to create a single consolidated text report for all Sites based on the current Site DSL report and place it in the directory.
 - c.) STARS would be requested to convert the current QMF to a standing table extract for periodic FTP download. This table would be added to the FASTDATA FTP parameters tab to allow table identification and download.
- 3.) The FOXPRO program could be used as the initial requirement definition to obtain user feedback. Various alternatives for doing this are:
 - a.) make the FOXPRO program an external callable program from within FASTDATA using scripts to create the reconciliation reports, and
 - b.) convert the FOXPRO code to SQL and incorporate that within FASTDATA.
 (Note: Option 3.b. is preferable to the FASTDATA Project Manager.)

Functional Analysis:

Provide the FASTDATA Oracle user with a process that will reconcile document balances and cost transfer balances between DMLSS, FASTDATA and STARS/FL. This reconciliation can be scheduled through the Automated Process or as required by the user. Provide new reconciliation reports.

The reconciliation between STARS/FL, FASTDATA and DMLSS will be based on a file created in STARS/FL Query Management Facility (QMF), a file representing the Liquidated Document Status Log created in FASTDATA and a file created in DMLSS. Prior to the reconciliation process, validate that the files created in DMLSS, STARS/FL and FASTDATA are for the same date and that the date is not older than 1 day.

DMLSS Reconciliation:

Validations of DOC NO/ACRN or DOC NO combination matches between FASTDATA, STARS/FL and DMLSS will be determined by the SOS Code in the DMLSS record. If there are missing DOC NO/ACRN or DOC NO combinations in any system, record error.

1. A DMLSS record with an SOS Code of CAI, PDC or LOG must match FASTDATA on DOC NO.
Validate that the FASTDATA Expense Element and the DMLSS EXP ELE match. If not, record error.

Validate that the FASTDATA OMB Object Class and the DMLSS OBJ CLASS match. If not,

Functional Analysis:

Record error.

Validate that the sum of the Actual Cost of all records with the same DOC NO within FASTDATA equals zero. If not, record error.

Validate that the FASTDATA "negative" DOC NO (from record) is exactly "-1 x" the amount of the DMLSS DOC NO total. If not, record error.

Validate that the FASTDATA "positive" DOC NO (to record) is exactly the same as the DMLSS DOC NO total. If not, record error.

2. A DMLSS record with an SOS Code other than CAI, PDC or LOG must match FASTDATA and STARS/FL on DOC NO/ACRN.

Validate that the FASTDATA Expense Element, the DMLSS EXP ELE and the STARS/FL EXP ELE match. Mismatch in any system, record error.

Validate that the FASTDATA OMB Object Class, the DMLSS OBJ CLASS and the STARS/FL OBJ CLASS match. Mismatch in any system, record error.

Validate that the STARS F/L TOTAL AMT, FASTDATA Actual Cost and DMLSS TOTAL PRICE match for all records with the same DOC NO/ACRN. If not, record error.

Validate that the FASTDATA Disbursed Amount equals zero for all records with the same DOC NO/ACRN. If the FASTDATA Disbursed Amount is not zero, validate that the sum of STARS F/L ACCT PAY AMT and STARS F/L EXPENDED AMT is zero. If this amount is not zero, validate that the DMLSS TOTAL PRICE matches the sum of the STARS/FL ACCT PAY AMT and the STARS/FL EXPENDED AMT. If not, record error.

FASTDATA and STARS/FL Reconciliation.

1. Validate that each DOC NO/ACRN combination matches between FASTDATA and STARS/FL. Missing DOC NO/ACRN combination matches will be recorded as errors.

2. Validate that each DOC NO/ACRN combination matches between FASTDATA and STARS/FL on the following data elements. If validation fails, record error.

STARS/FL DATA ELEMENTS

FIELDNAME	WIDTH	JUSTIFY
DOCNO	15	LEFT
ACRN	2	LEFT
JON	11	LEFT
EXP_ELEM	1	LEFT
OBJ_CLASS	3	LEFT
COMMIT_AMT	12	RIGHT
OBLIG_AMT	12	RIGHT
ACCT_PAY_AMT	12	RIGHT
EXPEND_AMT	12	RIGHT
TOTAL_AMT	12	RIGHT

DMLSS DATA ELEMENTS

FIELDNAME	WIDTH	POS	JUSTIFY
DOCNO	15	1-15	LEFT
ACRN	2	16-17	LEFT
JOB_ORDER	11	18-28	LEFT
EXP_ELEM	1	29	
OBJ_CLASS	3	30-32	
TOTAL_PRICE	12	33-44	RIGHT (Include decimal point)
DFAS_TRAN_DT	10	45-54	LEFT
SOS_CODE	3	55-57	LEFT

Validation for each DOC NO/ACRN, DOC NO/JON or DOC NO will be complete. All discrepancies for validations within any of the three systems will be identified.

Error Messages:

- Mismatched Document Number
- Mismatched Jon
- Mismatched Expense Element
- Mismatched OMB Object Class
- Mismatched Commitment
- Mismatched Obligation
- Mismatched Accounts Payable/Receipt
- Mismatched Expenditure
- Mismatched Total Amount/Actual Cost

New Reports:

(These reports will not contain any reference to "DMLSS" if DMLSS file is not present)

1. Reconciliation Summary Report

The report will summarize the account balances (i.e., commitments, and obligations, accounts payables/receipts, expenditures and a grand total) of FASTDATA, STARS/FL and DMLSS; provide a comparison of the account balances of the three systems; display variances. Variances will compare

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Date: 08/26/02

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Functional Analysis:

STARS/FL to FASTDATA, FASTDATA to DMLSS and STARS/FL to DMLSS.

2. Report of Reconciliation Errors

The report will provide discrepancies found in the reconciliation process at the document level. All discrepancies found in any of the three systems will be displayed.

SUMMARY RECONCILIATION REPORT
DATED MM/DD/YYYY

STARS DATA AS OF..... MM/DD/YYYY
FASTDATA DATA AS OF... MM/DD/YYYY
DMLSS DATA AS OF..... MM/DD/YYYY

ACCOUNT BALANCES:

SYSTEM	COMMIT	OBLIG	A/P REC	EXPEND	GR TOT
STARS/FL	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$
FASTDATA	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$	\$\$\$\$\$\$\$\$.\$\$
DMLSS					\$\$\$\$\$\$\$\$.\$\$
ACCOUNT VARIANCE: \$\$\$\$\$\$. \$\$					
STARS-FL/FASTDATA VARIANCE: \$\$\$\$\$\$. \$\$					
FASTDATA/DMLSS VARIANCE: \$\$\$\$\$\$. \$\$					
STARS-FL/DMLSS VARIANCE: \$\$\$\$\$\$. \$\$					

REPORT OF RECONCILIATION ERRORS
DATED MM/DD/YYYY

Document Number	ACRN	Job Order Number	EXP	OMB OBJ ELEM CLASS	Commit Amount	Oblig Amount	Amt Recvd	Amt Disbursed	Actual Cost	System
N0018800RC12345	AA	N00188012345		T 260	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	F/DATA
		N00188013245		T 260	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	\$\$\$\$\$\$\$\$. \$\$	ST/FL
		N00188012345		R 260					\$\$\$\$\$\$\$\$. \$\$	DMLSS

Error Messages:

TEST PLAN

Using Naval Hospital Pensacola data, request the STARS/FL QMF extract and the DMLSS txt file for the same period. In FASTDATA request a Liquidated Document Status Log Report (LDSL) for the same period as the STARS/FL QMF and the DMLSS txt file. Schedule an Automated Reconciliation. Verify that layout of the new reports is correct; verify that error messages are correctly stated; verify that all the discrepancies for each system are displayed; verify (as detailed as possible) that discrepancies reported are actual discrepancies.

For SIT testing, create a Burned RC and 2 Sites (one DMLSS Site 60 and an ordering Site) with data. Create a DMLSS txt file, a STARS/FL QMF file and a FASTDATA LDSL file using common data. Verify that the reconciliation correctly identifies the discrepancies in the Report of Reconciliation Errors and accurately displays the account variances in the Summary Reconciliation Report.

Technical Analysis:

See attached.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
RECON RPT.XLS	Report Layout	CRAKER N	05/23/2002 07:53 am
X0009-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/18/2002 07:13 am
Notes			

System: FDGUI

SCR: X0435-02 Title: IMPLEMENT A COMMITMENT AMOUNT FIELD

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: FA SITE

Rank: 6.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Maintenance

Sub-Category: 2

Point of Contact: Name: Karl Zwierski
Phone: (650)603-9580

Code: N8
DSN: 735-2666 x

Requesting Activity: CNAR SD

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 06/30/2000

WBS Level 1:

Last Modified: 06/20/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	06/30/2000	09296	02-2	02-2	

Requirements Definition:

Provide a commitment money bucket (separate from obligation). Change affected screens and reports.

This requirement can be satisfied by allowing the status of the document/ACRN to determine the amount of commitment and obligation to display on reports. This information can be displayed on reports such as the Document Status Log report, but would not affect the Transaction History report. For example, contractual documents that cite a contract will display amounts in the obligation money bucket, and documents that have been accepted will display the same amounts in both commitment and obligation money buckets. 08/22/01 RSR.

Reports affected:

- Document Status Log report
- Additional reports as research indicates

Functional Analysis:

Modify the Document Status Log (DSL) Report as follows:

1. Add a new column to the report titled "Commitment Amount".
2. Change the existing column title "Commitment/Obligation Amount" to "Obligation Amount".
3. Modify the software to separate commitment amounts from obligation amounts and display accordingly. Commitment transactions are identified as Transaction Type (TT) "CM" and obligation transactions are identified as Transaction Type (TT) "AO", "AR" and "AD".

Create a new report at the Site titled "Liquidated Document Status Log" (LDSL).

1. The report is available for Oracle users only. The report title will appear as a selection on the Reports Menu of Oracle users with the same sort options and Report Criteria as the existing DSL.
2. The report will display, by DCN/ACRN, the Commitment, Obligation, Receipt and Expenditure Amounts and the effect of the liquidation process on commitments, obligations and receipts as calculated by subsequent detail transactions.

Create a new report at the FA titled "Liquidated Document Status Log" (LDSL).

1. The report is available for Oracle users only. The report title will appear as a selection on the Reports Menu of Oracle users.. In addition to having the same sort options and Report Criteria as the existing Site DSL, add Site to the Report Criteria window.
2. The report will display, by DCN/ACRN, the Commitment, Obligation, Receipt and Expenditure Amounts and the effect of the liquidation process on commitments, obligations and receipts as calculated by subsequent detail transactions.
3. Report is critical to the Automated Reconciliation Process (SCR X0435-01).

Create a new report at the FA titled "Transaction History".

1. This report is available for Oracle Users only. The report title will appear as a selection on the Reports Menu of Oracle users. In addition to having the same sort options and Report Criteria as the existing Site Transaction History, add Site to the Report Criteria window.
2. Report will provide the user with the complete history of all transactions for each specific DCN/ACRN.

Application should apply the following liquidation methodology:

Functional Analysis:

Commitment transaction (TT CM with "I" partial code). (Indicates an initial transaction)
Record amount in Commitment Amount.

Commitment transaction (TT CM with "T" partial code). (Indicates an adjustment)
Add amount to Commitment Amount.

Commitment transaction (TT CM with "blank" partial code). (Indicates an adjustment)
Add amount to Commitment Amount.

Obligation transaction (TT AO/AR/AD with "I" partial code). (Indicates an initial transaction)
Record amount in Obligation Amount.
If commitment present
Fully liquidate commitment transaction.

Obligation transaction (TT AO/AR/AD with "L" partial code). (Indicates partial liquidation of the commitment)
Add amount to the Obligation Amount.
If commitment present
If commitment amount greater than obligation amount
Liquidate commitment transaction in the amount of the obligation transaction. .
Else Fully liquidate commitment transaction.

Obligation transaction (TT AO/AR/AD with "T" partial code). (Indicates an adjustment)
Add amount to Obligation Amount.

Receipt transaction (TT RP/RG with "I" partial code). (Indicates an initial transaction)
Record amount in the Receipt Amount.

Receipt transaction (TT RP/RG with "blank" partial code). (Indicates partial receipt).
Add amount to the Receipt Amount.
If obligation present
If obligation amount greater than receipt amount
Liquidate obligation transaction in the amount of the receipt transaction.
Else Fully liquidate obligation transaction.
(No further liquidation on this receipt - receipts do not liquidate commitments)

Receipt transaction (TT RP/RG with "F" partial code). (Indicates final receipt)
Add amount to the Receipt Amount.
If obligation present
Fully liquidate obligation transaction.
(No further liquidation on this receipt - receipts do not liquidate commitments)

Receipt transaction (TT RP/RG with "T" partial code) (Indicates adjustment)
Add amount to the Receipt Amount.

Expenditure transaction (TT EV with "P" partial code) (Indicates partial expenditure).
Add amount to the Expenditure Amount
If receipt present
If receipt amount greater than expenditure amount
Liquidate receipt transaction in the amount of the expenditure transaction.
Else Fully liquidate the receipt amount.
If obligation present

If obligation amount greater than difference between expenditure transaction and receipt transaction
Liquidate obligation transaction in amount of the difference between the expenditure transaction and the receipt transaction.
Else

Fully liquidate the obligation amount.
If commitment present

If commitment amount greater than the difference between the expenditure transaction and the sum of the fully liquidated receipt transaction and obligation transaction.
Liquidate the commitment transaction in the amount of the difference between the expenditure transaction and the sum of the fully liquidated receipt and obligation transaction.

Else
Fully liquidate the commitment amount.

Expenditure transaction (TT EV with "F" partial code) (Indicates final expenditure).
Add amount to the Expenditure Amount.
If receipt amount present
Fully liquidate the receipt amount.
If obligation amount present
Fully liquidate the obligation amount.
If commitment amount present
Fully liquidate the commitment amount.

Functional Analysis:

Expenditure transaction (TT EC with "I" partial code) (indicates an initial labor expenditure)
Add amount to the Expenditure Amount.

TEST PLAN:

Site in an Oracle environment:

1. Request a print of the Document Status Log Report by Document Number for two Sites. Verify the accuracy of commitment and obligation columns exist.
2. Request a print of the Liquidated DSL Report by Document Number. Verify the accuracy.

FA in an Oracle environment:

1. Request a print of the Liquidated Document Status Log Report by Document Number for each of the Sites chosen in the Site Test Plan above. Using the liquidation methodology outlined in the Functional Requirement to verify that each transaction on the Site DSL Report reflects the proper liquidation on the Liquidated DSL Report printed at the FA..
2. Utilize the online Transaction History Report at the FA if there are questions concerning correctness of liquidation.
3. Verify the totals on the Liquidated DSL printed at the Site and the totals on the Liquidated DSL printed at the FA are in agreement.
4. The Actual Cost from the DSL printed for each Site should be equal to the Actual Cost from the Liquidated Document Status Log printed for each Site. These differences must be reconciled.

Technical Analysis:

See attached.

CCB Disposition:

CCB Disposition 13 Feb - 15 Feb 2001:

It was suggested that we implement in a phase approach by creating the commitment money bucket initially, then adding additional implementation aspects in later releases.

One approach is to create a report, such as the Document Status Log, that presents the liquidation of commitment amount calculated from detail transactions (no real money bucket).

CCB members were concerned that the database would not reflect the actual dollars, although JR said the report could calculate totals and export using the .htm format.

Bobby to research this further to determine the best approach.

Attachments:

Filename	Description	User ID	Date Attached
SCR X0268 FUNCTIONAL AND TEST PLAN.DOC	Functional Rqmt and Test Plan	BONT J	04/11/2002 08:50 am
X0435-02 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	05/10/2002 08:19 am
X0268-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/18/2002 07:25 am

Notes

Date/Time: 08/22/2001 16:58 Author: KINCAID B Activity: Technical Category: Requirements
Reports affected by the display of commitment and obligation amounts must be determined. 08/22/01 RSR.

Date/Time: 11/15/2001 16:20 Author: KINCAID B Activity: Technical Category: Requirements
Christi Gibson would like the Site to be able to research outstanding commitments to identify for acceptance or contracting mostly at year-end. Any outstanding commitments are reversed at year-end in STARS. FASTDATA could more effectively be kept in sync with STARS by providing a report of documents with outstanding commitment amounts and a method to selectively reverse those commitments. Suggest creating a new report entitled "Outstanding Requisitions (Commitments With No Obligation)" to be used for research. Create an online process to list these outstanding commitments and allow the user to mark for reversal each item or all items. Create a B1 record to send to STARS to effect the reversal.

FASTDATA includes commitment amount in Actual Cost which affects Funds Available. STARS does not include commitment amount such that the funds available in STARS and FASTDATA do not agree. Suggest the Document Status Log and Status of Funds Reports be modified to add a new column for Commitment Amount. Note that the Commitment Amount in FASTDATA is not adjusted by subsequent obligations, receipt and expenditures and the user would have to interpret the affect of these transactions on the Commitment Amount.

Date/Time: 11/16/2001 10:28 Author: KINCAID B Activity: Technical Category: Requirements
When our major claimant looks at our obligation rate they look at STARS not FASTDATA and STARS does NOT include commitments in obligations. We are expected to be at 98% obligation rate at the end of each quarter. In FASTDATA (which includes commitments), we look good but when you get to STARS its a different story. FASTDATA should reflect the way funds are viewed in STARS.

In addition, we should be able to see what is outstanding so we can be looking for contracts and acceptance - this is an important task that FASTDATA does not help bring to the site operators attention (because it lumps everything into one pot). This is particularly true when we get near the end of the fiscal year when every commitment must get obligated. Any commitments left in STARS after 30 September are automatically cancelled by FMSO.

We would like commitments displayed on the current reports as a separate item from obligations. This would be a good tool for the site operators. However, what I'm personally interested in is having the commitments in the tables separately at both the site and FA level. I don't use the actual reports that come out of FASTDATA that much. It's a lot easier for me with 10 FAs and a couple of hundred sites to provide reports to management by just pulling the data out of the FASTDATA tables into an Access database.

Date/Time: 11/30/2001 15:21 Author: KINCAID B Activity: Technical Category: Requirements

Mr. Hardy Hill noted that reconciliation between FASTDATA and the STARS account balances was impossible because FASTDATA maintains a historical cost perspective and does not break out commitments from obligations in the reports. This reduces the effectiveness of FASTDATA as a fund management tool because it does not provide a method of portraying GAO for comparison against STARS and true end of month/quarter balances. This can result in a 1517 violation since a transaction could shift from commitment to obligation status without any change in the Funds Status report. Discussion revealed that inclusion of the ledger balances within FASTDATA was going to be a major effort and would require extended review and scheduling. However, Mr. Kincaid did identify that it might be possible to modify the existing DSL Report to provide a breakout of such information that could be used in the reconciliation process (see SCR X0009). This would provide an interim solution until such time as a more complete solution could be devised.

System: FDGUI

SCR: X0441-00 Title: JON ROLLOVER PROBLEM - MIC & SEGMENT FIELDS

Permanent

Organizational Control: Technical

Status: Accepted Scheduled

Sub-System: FA

Rank: 1.0

Repository Publication: 2

Repository Publication Date: 00/00/0000

Category: Technical

Sub-Category: 2

Point of Contact: Name: Hardy Hill/Ray Anderson
Phone: (202)762-3562Code: MED14
DSN: 762-3562 x

Requesting Activity: BUMED

Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid

Date Prepared: 11/30/2001

WBS Level 1:

Last Modified: 05/31/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	11/30/2001	00018	02-2	02-2	

Requirements Definition:

Correct the problems that occurred during the FY02 JON rollover process with the MIC and Segment fields and review the rollover process prior to FY03 startup. The problems encountered were:

a) The SEGMENT data was not populated in the downloaded file from STARS-FL. When BUMED imported the file into FASTDATA, this resulted in that field being cleared. They had to manually rebuild their JON file, reimport it into FASTDATA, and then resend it to STARS to correct the problem.

b) The MICS data was populated in the file generated by FASTDATA, but it was not recorded in STARS-FL when the batch file was processed by DFAS. BUMED believes Deb Day, FMSO, to say that this had been fixed but they have not seen it tested.

IEEE Priority = 2

Justification:

Adversely affects the ability to create and maintain integrity of the financial framework (short line of accounting, operational target, funding authorization and job orders); to perform accurate research in a timely manner; the reliability, integrity and accountability of data; and reporting to a higher authority.

Functional Analysis:

No functional analysis required. This is a technical problem.

Technical Analysis:

See attached.

CCB Disposition:**Attachments:**

Filename	Description	User ID	Date Attached
X0441-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	03/19/2002 10:17 am

Notes

System: FDGUI

SCR: X0442-00 Title: APPLY STARS JOB ORDER EDITS TO FASTDATA JON'S

Permanent Organizational Control: Technical

Status: Accepted Scheduled Sub-System: FA Rank: 2.0

Repository Publication: 2 Repository Publication Date: 00/00/0000

Category: Maintenance Sub-Category: 2

Point of Contact: Name: Hardy Hill/Ray Anderson Code: MED14
Phone: (202)762-3562 DSN: 762-3562 x

Requesting Activity: BUMED Requested Completion by: 00/00/0000

Prepared by: Bobby Kincaid Date Prepared: 11/30/2001

WBS Level 1: Last Modified: 06/04/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	11/30/2001	00018	02-2	02-2	

Requirements Definition:

BUMED requests that FASTDATA be modified to allow the same editing capabilities to JON data elements that are available in STARS-FL. It should be noted that BUMED organizational structure effectively prevented changing the CC/SCC field after export. However, the request will be considered for FASTDATA. Mr. Hardy Hill agreed to provide a list of fields requiring validation and post export change.

Requirements for this Modification are:

- 1.) Make the FASTDATA JON Edits for the 'CC' or Cost Center Data Element, to be consistent with those edits performed on the Cost Center Data Element within STARS-FL.
- 2.) Make the FASTDATA JON Edits for the 'SCC' or SubCost Center Data Element, to be consistent with those edits performed on the SubCost Center Data Element within STARS-FL.

IEEE Priority = 2

Justification:

Adversely affects the ability to create and maintain integrity of the financial framework; to perform accurate research in a timely manner; the reliability, integrity and accountability of data; and reporting to a higher authority.

Functional Analysis:

The list of JON data element edits to be made consistent with those available in STARS-FL, was received from Mr. Hill (see attachment "X0442-JON EDIT CHGS.doc") on 04/12/2002. He has indicated that only two Data Elements should be modified to be consistent with STARS FL at this time.

Functional Requirements for this Modification are twofold:

- 1.) Allow the FASTDATA JON Edits for the 'CC' or Cost Center Data Element after export, to be consistent with those edits performed on the Cost Center Data Element within STARS-FL.
- 2.) Allow the FASTDATA JON Edits for the 'SCC' or SubCost Center Data Element after export, to be consistent with those edits performed on the SubCost Center Data Element within STARS-FL.

BUMED feels that there is a need to make the JON editing capabilities within FASTDATA to be consistent with the JON editing capabilities within STARS-FL. The FASTDATA Functional Team is in agreement with this request.

Mr. Hardy Hill of BUMED has agreed to provide a list of fields requiring validation and post export change.

TEST PLAN for X0442-00:

- 1.) Create an O&MN Job Order Number at the FA
- 2.) Create an RPN Job Order Number at the FA
- 3.) Create a Direct - Allotment Job Order Number at the FA
- 4.) Create a Reimbursable - Allotment Job Order Number at the FA
- 5.) Build a JON file containing valid data on each of the above-created JON types, for export to STARS-FL.

Functional Analysis:

- 6.) Go into JON Maintenance, Accounting Tab
- 7.) Verify correct elements are protected/unprotected.

Technical Analysis:

See attached.

CCB Disposition:**Attachments:**

Filename	Description	User ID	Date Attached
X0442-00 TECHNICAL ANALYSIS.DOC	Technical Analysis	BONT J	05/02/2002 08:33 am
X0442-JON EDIT CHGS.DOC	X0442-00 JON CHGS-HARDY HILL	RUSHING P	04/12/2002 11:12 am

Notes

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SCR Text Report

Date: 08/26/02

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System: FDGUI

SCR: X0459-00 Title: PERFORMANCE AND QUALITY ISSUES RELEASE 02-2

Permanent Organizational Control: Technical

Status: Pending Technical Analysis

Sub-System: FA SITE

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Category: Technical

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Point of Contact: Name: Jack Barton
Phone: (850)452-2990

Code: SAC
DSN: 922-2990 x400

Requesting Activity: DFAS TSO Pensacola

Requested Completion by: 00/00/0000

Prepared by: Jack Barton

Date Prepared: 05/24/2002

WBS Level 1:

Last Modified: 07/16/2002

WBS Level 2:

Customer Control Number	Received	UIC	Release	Target Release	Total Amendments
	05/24/2002	68700	02-2	02-2	

Requirements Definition:

Some performance and quality issues exist which need to be addressed. These issues are delineated in associated PTRs.

Functional Analysis:

1. PTR N/A The dropdown for the OPTAR listing on the New Job Order Number window presents the data in an unsorted order.
2. PTR P0335 WHEN IN THE SITE SOFTWARE THE USER SELECTS CONTRACT NEW AND THE SOFTWARE TAKES AN EXTENDED PERIOD OF TIME TO DISPLAY THE LIST OF DOCUMENTS AVAILABLE FOR THE CONTRACT PROCESS. MORE THAN ONE USER WHO IS ON THE CURRENT RELEASE HAS REPORTED THIS PROBLEM. IT TOOK 7 MINUTES ON MY MACHINE, USER REPORTED 45 MINUTES. MOST USERS THINK THAT THE SOFTWARE HAS CRASHED AND ESCAPE OUT OF THE APPLICATION.

Technical Analysis:

1. The dropdown for the OPTAR listing on the New Job Order Number window presents the data in an unsorted order. The list was modified to present the data in OPTAR order.
2. Restructure the SQL statement for d_new_contract_select to separate the NC2276, DD1348-6, DD1149 documents from the DD448, joining the two portions with a union.
3. Update process was corrected to not reset the current user's password during the update process.
4. Expand the Credit card x-ref window to show the fully document number
5. Correct the application to check for SYSTEM DSN if the USER DSN is not located.
6. Accept Window was not having the same behavior using the 'X' to close as the cancel button.
7. P0343 - Correct SF30 process to use difference in contract amount vice difference in document cost.
8. P0326 - Purge required adding FASTDATA_FS_EXPEND_BATCH
9. P0347 - When sending target amounts to DMLSS, do not create a LG record if the 60LF01project center is present.
10. P0321 - Ensure that the NAVPERS 1320/16 dollar amounts are properly displayed on the Expenditures Exceeding Variance Report.
11. Build Financial Framework and Rebuild Accounting Batch were marking unexported transactions as exported.
12. The refresh of a print preview was causing the grouping of documents to fail.

CCB Disposition:

Attachments:

Filename	Description	User ID	Date Attached
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Notes